

INDUSTRIAL DISPLAY

Standard Industrial Display

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Standard Industrial Display

Overview

Winmate designs, develops and manufactures display systems for industrial applications, including factory automation, marine, military, oil and gas, healthcare and other vertical markets. Our rich experience in LCD technology allows delivering a wide range of digital displays, including bar-type, stainless, or special sizes to meet the requirements of the industrial applications.

Winmate's industrial display solutions include:

- Various housing options: chassis, open frame, panel mount, rack mount, front IP65
- Touch capabilities: resistive, projected capacitive or SAW touch screen
- Touch and panel optical bonding



Product Overview

Winmate industrial displays also provide several kinds of mounting solutions for your unique application and environment, such as chassis, panel mount, open frame, rear mount, rack mount, bar-type and others.



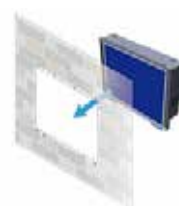
Various Mounting Options



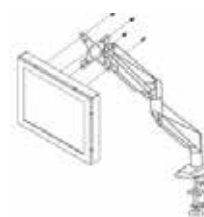
Panel Mount



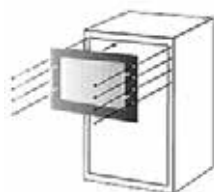
Front IP65



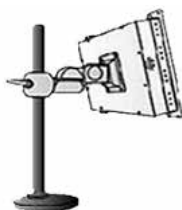
Open Frame



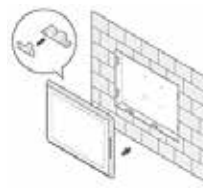
VESA Mount



Rack Mount



Pole Mount



Front Size Wall Mount

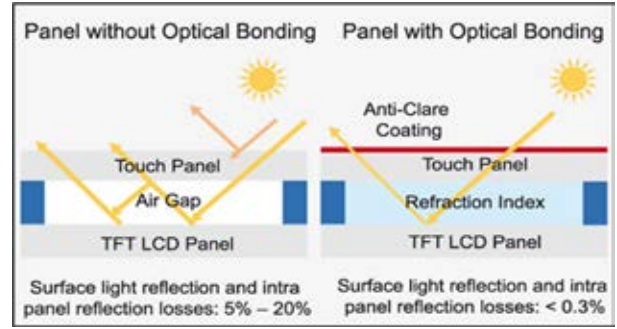


Dash/Yoke Mount

Technology

In-house Direct Optical Bonding

Winmate has in-house facilities for direct optical bonding. The advantages of optical bonding is minimizing the reflection from inner-surface of the glass, improved ruggedness, condensation prevention and increased anti-shock and vibration capabilities.

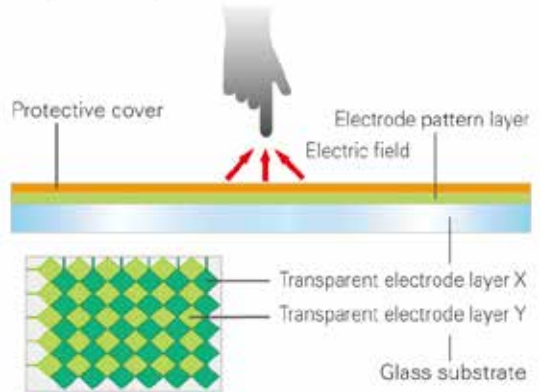


Ultimate Touch Experience

Projected Capacitive Multi-Touch

A projected capacitive is composed of a sheet of glass with embedded transparent electrode films and an IC chip, which creates a three dimensional electrostatic field. When a finger comes into contact with the screen, the ratios of the electrical currents change and the display is able to detect the touch points. In addition to bare fingers, PCAP touch screen supports working with gloves.

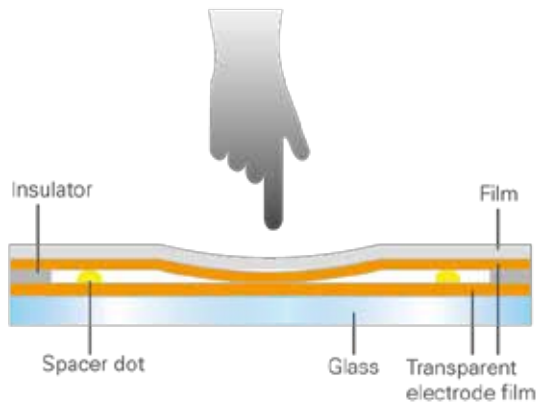
Projected Capacitive



Resistive Touch

A resistive touchscreen is a touch-sensitive display composed of two flexible sheets coated with a resistive material and separated by an air gap or microdots. Resistive touchscreens typically have high resolution, providing accurate touch control. Because the touchscreen responds to pressure on its surface, contact can be made with a finger or any other pointing device.

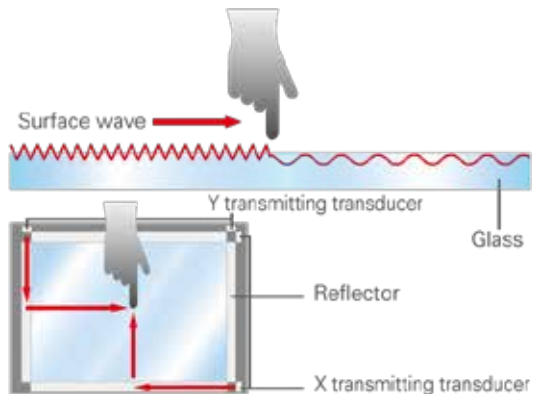
Resistive Touch



Surface Acoustic Wave (SAW) Touch









Flat-screen SecureTouch products are made of extra-tough glass substrates that resist vandalism. These touchscreens incorporate the solid-glass and coating-free construction of Elo's proven IntelliTouch® products. SAW monitors offer easy use and high visibility.

Surface Acoustic Wave (SAW)



Product Guide – Standard Industrial Display

Our product guide helps you to navigate and find the right product from our excessive product line.

Panel Mount Display  5.7"~32" p.151	Open Frame Display  5.7"~55" p.153
Chassis Display  6.5"~55" p.155	Rear Mount Display  8.4"~24" p.157
Front IP65  5.7"~27" p.159	Rack Mount  15"~20.1" p.161
Multi-Touch Series Display  7"~43" p.163	LCD Kit  5.7"~32" p.167

5.7"~32" Industrial Display Panel Mount

Custom configuration



Audio and
Speaker



Resistive
Touchscreen



SAW
Touchscreen



DVI-D



S-Video



Composite



Application



Machine Control

"VISUALIZE VALUABLE
INFORMATION."

Control panel on manufacture
of pharmaceutical and
chemical industry.

**“ RELIABLE DESIGN FOR
FACTORY FLOOR. ”**

- 5.7"~32" screen
- Panel mount, VESA mount

VGA, HDMI video input

Touch interface USB or RS232

OSD control 5 keys

VESA mount

Operating temperature 0°C to 50°C

Accessories

Power Cord

AC Adapter

Touch Drive CD

VGA Cable 1.8m

HDMI Cable 2m

Industrial Display

Panel Mount Display



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
5.7"	R05T100-PMD1(HB)	115.2 x 86.4	640 x 480	300:1 (Typ.)	900 nits	-70~70 (H); -40~60 (V)	No	12V DC	15 W (Typ.)	*
6.5"	R06L200-PMA1	132.48 x 99.36	640 x 480	600:1 (Typ.)	700 nits	-80~80 (H); -70~70 (V)	No	12V DC	15 W (Typ.)	*
8.4"	R08L200-PMU1	170.4 x 127.8	800 x 600	600:1 (Typ.)	600 nits	-75~75 (H); -60~70 (V)	Yes	12V DC	15 W (Typ.)	*
10.1" (16:10)	W10L100-PMH1	222.72 x 125.28	1024 x 600	800:1 (Typ.)	450 nits	-80~80 (H); -80~75 (V)	Yes	12V DC	10 W (Typ.)	*
10.4"	R10L600-PMP1	211.2 x 158.4	800 x 600	400:1 (Typ.)	600 nits	-70~70 (H); -70~60 (V)	Yes	12V DC	15 W (Typ.)	*
10.4"	R10L100-PMT2	210.4 x 157.8	1024 x 768	1200:1 (Typ.)	350 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	15 W (Typ.)	*
10.4"	R10L100-PMP3	211.2x158.4	640 x 480	700:1 (Typ.)	450 nits	-80~80 (H); -60~80 (V)	Yes	12V DC	15 W (Typ.)	*
12.1"	R12L600-PMM2	245.76 x 184.32	1024 x 768	700:1 (Typ.)	500 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	20 W (Typ.)	*
12.1"	R12T600-PML1	246.0 x 184.5	800 x 600	700:1 (Typ.)	450 nits	-80~80 (H); -75~65 (V)	Yes	12V DC	16 W (Typ.)	*
15"	R15L100-PMA1	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	550 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	20 W (Typ.)	*
15"	R15L600-PMC3	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	250 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	15 W (Typ.)	*
17"	S17L500-PMM1	337.92 x 270.336	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	36 W (Typ.)	*
19"	R19L300-PMM2	376.3 x 301.1	1280 x 1024	1300:1 (Typ.)	300 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	54 W (Typ.)	*
19"	R19L300-PMM1	376.3 x 301.1	1280 x 1024	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	27 W (Typ.)	*
20.1"	R20L100-PMA2	408.0 x 306.0	1600 x 1200	1400:1 (Typ.)	330 nits	-85~85 (H); -85~85 (V)	Yes	12V DC	60 W (Typ.)	*
21.5" (16:9)	W22L100-PMA3	476.64 x 268.11	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	40 W (Typ.)	*
22" (16:10)	W22L100-PMM1	473.76 x 296.1	1680 x 1050	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	25 W (Typ.)	*
23.8" (16:9)	W24L100-PMA2	527.04 x 296.46	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	40 W (Typ.)	*
24" (16:10)	W24L100-PMS1	518.41 x 324.0	1920 x 1200	1000:1 (Typ.)	300 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	40 W (Typ.)	*
32" (16:9)	W32L300-PMA3	698.4 x 392.85	1920 x 1080	3000:1 (Typ.)	400 nits	-89~89 (H); -89~89 (V)	Yes	24V DC	75 W (Typ.)	*

5.7" ~55" Industrial Display

Open Frame

Custom configuration



Audio and Speaker



Resistive Touchscreen



SAW Touchscreen



DVI-D



S-Video



Composite



“

SLEEK & SLIM OPEN FRONT FRAME.

”

Application



Vending Machine

“SPEEDS UP PASSENGER TRAFFIC.”

Winmate open frame display with touch screen is a part of a railway ticket vending machine.

- 5.7" ~55" screen
- Rear mount, VESA mount
- Optional touch or glass

VGA, HDMI video input

Touch interface USB or RS232

OSD control 5 keys

VESA mount

Operating temperature 0°C to 50°C

Accessories

Power Cord

AC Adapter

Touch Drive CD

VGA Cable 1.8m

HDMI Cable 2m

Industrial Display

Open Frame Display



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
5.7"	R05T100-OFD1(HB)	115.2 x 86.4	640 x 480	300:1 (Typ.)	900 nits	-70~70 (H); -40~60 (V)	No	12V DC	15 W (Typ.)	*
6.5"	R06L200-OFA1	132.48 x 99.36	640 x 480	600:1 (Typ.)	700 nits	-80~80 (H); -70~70 (V)	No	12V DC	15 W (Typ.)	*
7" (16:10)	W07T700-OFA4	152.40 x 91.44	800 x 480	1000:1(Typ.)	400 nits	-80~80 (H); -80~80 (V)	Yes	12V DC	10 W (Typ.)	*
8"	R08T100-OFA1	162.0 x 121.5	800 x 600	400:1 (Typ.)	250 nits	-70~70 (H); -70~50 (V)	Yes	12V DC	10 W (Typ.)	*
8.4"	R08L200-OFU1	170.4 x 127.8	800 x 600	600:1 (Typ.)	600 nits	-75~75 (H); -60~70 (V)	Yes	12V DC	15 W (Typ.)	*
10.1" (16:10)	W10L100-OFH1	222.72 x 125.28	1024 x 600	800:1 (Typ.)	450 nits	-80~80 (H); -80~75 (V)	Yes	12V DC	10 W (Typ.)	*
10.4"	R10L100-OFP3	211.2 x 158.4	640 x 480	700:1 (Typ.)	450 nits	-80~80 (H) ; -60~80 (V)	Yes	12V DC	15 W (Typ.)	*
10.4"	R10L600-OFP1	211.2 x 158.4	800 x 600	400:1 (Typ.)	600 nits	-70~70 (H); -70~60 (V)	Yes	12V DC	15 W (Typ.)	*
10.4"	R10L100-OFT2	210.4 x 157.8	1024 x 768	1200:1 (Typ.)	350 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	15 W (Typ.)	*
12.1"	R12L600-OFM2	245.76 x 184.32	1024 x 768	700:1 (Typ.)	500 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	20 W (Typ.)	*
12.1"	R12T600-OFL1	246.0 x 184.5	800 x 600	700:1 (Typ.)	450 nits	-80~80 (H); -75~65 (V)	Yes	12V DC	16 W (Typ.)	*
12.1" (16:10)	W12L100-OFM9	261.12 x 163.2	1280 x 800	1000:1 (Typ.)	400 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	20 W (Typ.)	*
15"	R15L600-OFC3	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	250 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	15 W (Typ.)	*
15"	R15L100-OFA3	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	500 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	17 W (Typ.)	*
15"	R15L100-OFA1	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	550 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	20 W (Typ.)	*
15.6" (16:9)	W15L100-OFA2	344.2 x 195.5	1366 x 768	500:1 (Typ.)	400 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	25 W (Typ.)	*
17"	S17L500-OFM1	337.92 x 270.336	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	36 W (Typ.)	*
18.5" (16:9)	W18L100-OFA2	409.8 x 230.4	1366 x 768	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	19 W (Typ.)	*
19"	R19L300-OFM2	376.3 x 301.1	1280 x 1024	1300:1 (Typ.)	300 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	54 W (Typ.)	*
19"	R19L300-OFM1	376.3 x 301.1	1280 x 1024	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	27 W (Typ.)	*
19"	R19L300-OFA1	376.3 x 301.1	1280 x 1024	500:1 (Typ.)	400 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	54 W (Typ.)	*
20.1"	R20L100-OFA2	408.0 x 306.0	1600 x 1200	1400:1 (Typ.)	330 nits	-85~85 (H); -85~85 (V)	Yes	12V DC	60 W (Typ.)	*
21.5" (16:9)	W22L100-OFA3	476.64 x 268.11	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	40 W (Typ.)	*
22" (16:10)	W22L100-OFM1	473.76 x 296.1	1680 x 1050	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	25 W (Typ.)	*
23.1"	R23L100-OFS1	470.4 x 352.8	1600 x 1200	600:1 (Typ.)	500 nits	-85~85 (H); -85~85 (V)	Yes	12V DC	80 W (Typ.)	*
23.8" (16:9)	W24L100-OFA2	527.04 x 296.46	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	40 W (Typ.)	*
24" (16:10)	W24L100-OFS1	518.4 x 324	1920 x 1200	1000:1 (Typ.)	300 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	40 W (Typ.)	*
27" (16:9)	W27L100-OFA1	596.7 x 336.15	1920 x 1080	3000:1 (Typ.)	300 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	40 W (Typ.)	*
32" (16:9)	W32L300-OFA3	698.4 x 392.85	1920 x 1080	4000:1 (Typ.)	400 nits	-89~89 (H); -89~89 (V)	Yes	24V DC	75 W (Typ.)	*
42" (16:9)	W42L300-OFA3	930.24 x 523.26	1920 x 1080	2500:1 (Typ.)	500 nits	-89~89 (H); -89~89 (V)	Yes	24V DC	100 W (Typ.)	*
55" (16:9)	W55L100-OFL2	1209.6 x 680.4	1920 x 1080	4000:1 (Typ.)	500 nits	-89~89 (H); -89~89 (V)	Yes	100~ 240V AC	145W (Typ.)	*

6.5" ~55" Industrial Display Chassis

Custom configuration



Housing



Resistive
Touchscreen



SAW
Touchscreen



DVI-D



S-Video



Composite



Audio and
Speaker



“ **FIT SEAMLESSLY INTO SPACE CONSTRICTED APPLICATIONS.** ”

- 6.5" ~55" screen
- Panel mount, VESA mount

VGA, HDMI video input

Touch interface USB or RS232

OSD control 5 keys

VESA mount

Operating temperature 0°C to 50°C

Application



Pharmacy Information Display

“VERSATILE MOUNTING SOLUTION.”

Chassis LCD installed on the VESA arm displays order information in the pharmacy back-end.

Accessories

Power Cord

AC Adapter

Touch Drive CD

VGA Cable 1.8m

HDMI Cable 2m

Industrial Display

Chassis



Size	Model Name	Active Display Area (mm)	Number of Pixels	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Power Input	Optional DVI Input	Resistive
6.5"	R06L200-CHA1	132.48 x 99.36	640 x 480	600:1(Typ.)	700 nits	-80~80 (H); -70~70 (V)	12V DC	No	*
8"	R08T100-CHA1	162.0 x 121.5	800 x 600	400:1(Typ.)	250 nits	-70~70 (H), -70~50 (V)	12V DC	Yes	*
8.4"	R08L200-CHU1	170.4 x 127.8	800 x 600	600:1(Typ.)	600 nits	-75~75 (H); -60~70 (V)	12V DC	Yes	*
10.1"(16:10)	W10L100-CHH1	222.72 x 125.28	1024 x 600	800:1(Typ.)	450 nits	-80~80 (H); -80~75 (V)	12V DC	Yes	*
10.1"(16:10)	W10L100-CHA1	216.81 x 135.50	1920 x 1200	800:1(Typ.)	700 nits	-89~89 (H); -89~89 (V)	12V DC	Yes	*
10.4"	R10L600-CHP1	211.2 x 158.4	800 x 600	400:1(Typ.)	600 nits	-70~70 (H); -70~60 (V)	12V DC	Yes	*
10.4"	R10L100-CHT2	210.4 x 157.8	1024 x 768	1200:1(Typ.)	350 nits	-88~88 (H); -88~88 (V)	12V DC	Yes	*
12.1"	R12T600-CHL1	246.0 x 184.5	800 x 600	700:1(Typ.)	450 nits	-80~80 (H); -75~65 (V)	12V DC	Yes	*
12.1"	R12L600-CHM2	245.76 x 184.32	1024 x 768	700:1(Typ.)	500 nits	-89~89 (H); -89~89 (V)	12V DC	Yes	*
12.1"(16:10)	W12L100-CHM9	261.12 x 163.2	1280 x 800	1000:1(Typ.)	400 nits	-88~88 (H); -88~88 (V)	12V DC	Yes	*
15"	R15L600-CHC3	304.1 x 228.1	1024 x 768	2000:1(Typ.)	250 nits	-88~88 (H); -88~88 (V)	12V DC	Yes	*
15"	R15L100-CHA1	304.1 x 228.1	1024 x 768	2000:1(Typ.)	550 nits	-88~88 (H); -88~88 (V)	12V DC	Yes	*
15"	R15L100-CHA3	304.1 x 228.1	1024 x 768	2500:1(Typ.)	500 nits	-88~88 (H); -88~88 (V)	12V DC	Yes	*
15.6"(16:9)	W15L100-CHA2	344.2 x 195.5	1366 x 768	500:1(Typ.)	400 nits	-85~85 (H); -80~80 (V)	12V DC	Yes	*
17"	R17L500-CHM1	337.92 x 270.336	1280 x 1024	1000:1(Typ.)	350 nits	-85~85 (H); -80~80 (V)	12V DC	Yes	*
19"	R19L300-CHM1	376.3 x 301.1	1280 x 1024	1000:1(Typ.)	250 nits	-85~85 (H); -80~80 (V)	12V DC	Yes	*
19"	R19L300-CHA1	376.3 x 301.1	1280 x 1024	500:1(Typ.)	400 nits	-85~85 (H); -80~80 (V)	12V DC	Yes	*
19"	R19L300-CHM2	376.3 x 301.1	1280 x 1024	1300:1(Typ.)	300 nits	-89~89 (H); -89~89 (V)	12V DC	Yes	*
20.1"	R20L100-CHA2	408 x 306	1600 x 1200	1400:1(Typ.)	330 nits	-85~85 (H); -85~85 (V)	12V DC	Yes	*
21.5"(16:9)	W22L100-CHA3	476.64 x 268.11	1920 x 1080	3000:1(Typ.)	250 nits	-89~89 (H); -89~89 (V)	12V DC	Yes	*
22"(16:10)	W22L100-CHM1	473.76 x 296.1	1680 x 1050	1000:1(Typ.)	250 nits	-85~85 (H); -80~80 (V)	12V DC	Yes	*
23.1"	R23L100-CHS1	470.4 x 352.8	1600 x 1200	600:1(Typ.)	500 nits	-85~85 (H); -85~85 (V)	12V DC	Yes	
23.8"(16:9)	W24L100-CHA2	527.04 x 296.46	1920 x 1080	3000:1(Typ.)	250 nits	-89~89 (H); -89~89 (V)	12V DC	Yes	*
24"(16:10)	W24L100-CHS1	518.4 x 324	1920 x 1200	1000:1(Typ.)	300 nits	-89~89 (H); -89~89 (V)	12V DC	Yes	
27"(16:9)	W27L100-CHA1	597.6 x 336.15	1920 x 1080	2000:1(Typ.)	300 nits	-89~89 (H); -89~89 (V)	12V DC	Yes	
30"(16:10)	W30L100-CHL1	641.28 x 400.8	2560 x 1600	1000:1(Typ.)	350 nits	-89~89 (H); -89~89 (V)	12V DC	Yes	
32"(16:9)	W32L300-CHA3	698.40 x 392.85	1920 x 1080	3000:1(Typ.)	400 nits	-89~89 (H); -89~89 (V)	24V DC	Yes	
42"(16:9)	W42L100-OML2	930.24 x 523.26	1920 x 1080	4000:1(Typ.)	450 nits	-89~89 (H); -89~89 (V)	100~ 240V AC	Yes	
55"(16:9)	W55L100-OML2	1209.6 x 680.4	1920 x 1080	4000:1(Typ.)	500 nits	-89~89 (H); -89~89 (V)	100~ 240V AC	Yes	

8.4"~24" Industrial Display Rear Mount

Custom configuration



Housing



Resistive
Touchscreen



SAW
Touchscreen



DVI-D



S-Video



Composite



Audio and
Speaker



“

**WHERE SAFETY IS A
PRIORITY.**

”

- 8.4"~20.1" screen
- Rear mount

VGA, HDMI video input

Touch interface USB or RS232

OSD control 5 keys

VESA mount

Operating temperature 0°C to 50°C

Application



ATM Machine

“RELIABLE AND SECURE
PAYMENTS.”

Rear mount LCD is secured
from the back and leaves on
sides of the panel outside.

Accessories

Power Cord

AC Adapter

Touch Drive CD

VGA Cable 1.8m

HDMI Cable 2m

Industrial Display

Rear Mount



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
8.4"	R08L200-RMU1	170.4 x 127.8	800 x 600	600:1 (Typ.)	600 nits	-75~75 (H); -60~70 (V)	Yes	12V DC	15 W (Typ.)	*
10.4"	R10L600-RMP1	211.2 x 158.4	800 x 600	400:1 (Typ.)	600 nits	-70~70 (H); -70~60 (V)	Yes	12V DC	15 W (Typ.)	*
12.1"	R12T600-RML1	246.0 x 184.5	800 x 600	700:1 (Typ.)	450 nits	-80~80 (H); -75~65 (V)	Yes	12V DC	15 W (Typ.)	*
12.1"	R12L600-RMM2	245.76 x 184.32	1024 x 768	700:1 (Typ.)	500 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	20 W (Typ.)	*
15"	R15L600-RMA1	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	550 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	20 W (Typ.)	*
15"	R15L600-RMC3	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	250 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	15 W (Typ.)	*
17"	S17L500-RMM1	337.92 x 270.34	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	36 W (Typ.)	*
19"	R19L300-RMM2	376.3 x 301.1	1280 x 1024	1300:1 (Typ.)	300 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	54 W (Typ.)	*
19"	R19L300-RMM1	376.3 x 301.1	1280 x 1024	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	27 W (Typ.)	*
20.1"	R20L100-RMA2	408.0 x 306.0	1600 x 1200	1400:1 (Typ.)	330 nits	-85~85 (H); -85~85 (V)	Yes	12V DC	60 W (Typ.)	*
21.5"	W22L100-RMA3	476.64 x 268.11	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	63 W (Typ.)	*
24"	W24L100-RMA2	527.04 x 296.46	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	65 W (Typ.)	*

5.7"~27" Industrial Display

Front IP65

Custom configuration



Audio and
Speaker



Resistive
Touchscreen



SAW
Touchscreen



DVI-D



S-Video



Composite



Application



Beautician cabinet

"WATERPROOF FRONT
PANEL."

Designed to be rugged,
front IP65- displays are ideal
for use in wet and dusty
environments.

“

**FOR WET AND DUSTY
ENVIRONMENTS.**

”

- 5.7"~32" screen
- Panel mount, VESA mount

VGA, HDMI video input

Touch interface USB or RS232

OSD control 5 key

VESA mount

Operating temperature 0°C to 50°C

Accessories

Power Cord

AC Adapter

Touch Drive CD

VGA Cable 1.8m

HDMI Cable 2m

Industrial Display

Front IP65



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
5.7"	R05T100-IPD1(HB)	115.2 x 86.4	640 x 480	300:1 (Typ.)	900 nits	-70~70 (H); -40~60 (V)	No	12V DC	15 W (Typ.)	*
6.5"	R06L200-IPA1	132.48 x 99.36	640 x 480	600:1 (Typ.)	700 nits	-80~80 (H); -70~70 (V)	No	12V DC	10 W (Typ.)	*
8.4"	R08L200-IPU1	170.4 x 127.8	800 x 600	600:1 (Typ.)	600 nits	-75~75 (H); -60~70 (V)	No	12V DC	15 W (Typ.)	*
10.1"(16:10)	W10L100-IPH1	222.72 x 125.28	1024 x 600	800:1 (Typ.)	450 nits	-80~80 (H); -80~75 (V)	No	12V DC	10 W (Typ.)	*
10.4"	R10L600-IPP1	211.2 x 158.4	800 x 600	400:1 (Typ.)	600 nits	-70~70 (H); -70~60 (V)	No	12V DC	15 W (Typ.)	*
10.4"	R10L100-IPT2	210.4 x 157.8	1024 x 768	1200:1 (Typ.)	350 nits	-88~88 (H); -88~88 (V)	No	12V DC	15 W (Typ.)	*
12.1"	R12L600-IPM2	245.76 x 184.32	1024 x 768	700:1 (Typ.)	500 nits	-89~89 (H); -89~89 (V)	No	12V DC	20 W (Typ.)	*
12.1"	R12T600-IPL1	246.0 x 184.5	800 x 600	700:1 (Typ.)	450 nits	-80~80 (H); -75~65 (V)	No	12V DC	15 W (Typ.)	*
15"	R15L100-IPA1	304.1 x 228.1	1024 x 768	700:1 (Typ.)	550 nits	-80~80 (H); -70~70 (V)	Yes	12V DC	20 W (Typ.)	*
15"	R15L600-IPC3	304.1 x 228.1	1024 x 768	700:1 (Typ.)	250 nits	-80~80 (H); -70~70 (V)	Yes	12V DC	15 W (Typ.)	*
17"	S17L500-IPM1	337.92 x 270.336	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	27 W (Typ.)	*
19"	R19L300-IPM1	376.32 x 301.06	1280 x 1024	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	27 W (Typ.)	*
19"	R19L300-IPM2	376.32 x 301.06	1280 x 1024	2000:1 (Typ.)	300 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	54 W (Typ.)	*
20.1"	R20L100-IPA2	408.0 x 306.0	1600 x 1200	1400:1 (Typ.)	330 nits	-85~85 (H); -85~85 (V)	Yes	12V DC	60 W (Typ.)	*
21.5"(16:9)	W22L100-IPA3	476.64 x 269.11	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	40 W (Typ.)	*
22"(16:10)	W22L100-IPM1	473.76 x 296.1	1680 x 1050	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	25 W (Typ.)	*
23.8"(16:9)	W24L100-IPA2	527.04 x 296.46	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	40 W (Typ.)	*
24"(16:10)	W24L100-IPS1	518.14 x 324	1920 x 1200	1000:1 (Typ.)	300 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	40 W (Typ.)	*
27"(16:9)	W27L100-IPA1	597.6 x 336.15	1920 x 1080	3000:1 (Typ.)	300 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	40 W (Typ.)	*

15"~20.1" Industrial Display Rack Mount

Custom configuration



Audio and
Speaker



Resistive
Touchscreen



SAW
Touchscreen



DVI-D



S-Video



Composite



“ **FOR INSTALLATION IN
VERTICAL SURFACES.** ”

Application



Network Server

“SUPERIOR
FUNCTIONALITY.”

Being able to be mounted to walls, shelves, and other vertical surfaces, Winmate's 15-inch rack mount display is able to visualize data from network servers in a data room.

- 15"~20.1" screen
- Rack mount

VGA, HDMI video input

Touch interface USB or RS232

OSD control 5 keys

VESA mount

Operating temperature 0°C to 50°C

Accessories

Power Cord

AC Adapter

Touch Drive CD

VGA Cable 1.8m

HDMI Cable 2m

Industrial Display

Rack Mount



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
15"	R15L600-RKC3	304.1 x 228.1	1024 x 768	700:1 (Typ.)	250 nits	-80~80 (H); -70~70 (V)	Yes	12V DC	15 W (Typ.)	*
15"	R15L100-RKA1	304.1 x 228.1	1024 x 768	700:1 (Typ.)	550 nits	-80~80 (H); -70~70 (V)	Yes	12V DC	20 W (Typ.)	*
17"	R17L500-RKM1	337.92 x 270.34	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	27 W (Typ.)	*
19"	R19L300-RKM1	376.32 x 301.056	1280 x 1024	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	27 W (Typ.)	*
19"	R19L300-RKM2	376.32 x 301.056	1280 x 1024	2000:1 (Typ.)	300 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	54 W (Typ.)	*
20.1"	R20L100-RKA2	408.0 x 306.0	1600 x 1200	1400:1 (Typ.)	330 nits	-85~85 (H); -85~85 (V)	Yes	12V DC	60 W (Typ.)	*

7"~43" Industrial Display Multi-Touch Series

Custom configuration



Housing



Resistive
Touchscreen



Audio and
Speaker



DVI-D



S-Video



Composite



“
SLEEK AND STYLISH DESIGN.
”

- 7"~43" screen with PCAP touchscreen
- Chassis, panel mount, open frame

VGA, HDMI video input

Touch interface USB

OSD control 5 key

VESA mount

Operating temperature 0°C to 50°C

Application



In-Vehicle Navigation

“ROUTE OPTIMIZATION
AND EASY NAVIGATION.”

Installed inside a tractor,
information and navigation
display helps to optimize
harvesting wheat field.

Accessories

Power Cord

Adapter

Touch Drive CD

VGA Cable 1.8m

VGA Cable 1.8m

Industrial Display

Multi-Touch Series



Chassis

Size	Model Name	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Display Colors	Power Input	Power Consumption	Capacitive
7" (16:10)	W07L100-PCO1	1024 x 600	700:1 (Typ.)	1000 nits	-75~75 (H); -75~70 (V)	16.7M	12V DC	10W (Typ.)	*
7" (16:10)	W07L100-PCT1	1024 x 600	500:1 (Typ.)	320 nits	-75~75 (H); -75~70 (V)	16.7M	12V DC	10W (Typ.)	*
10.1" (16:10)	W10L100-PCH1	1024 x 600	800:1 (Typ.)	450 nits	-75~80 (H); -80~80 (V)	16.7M	12V DC	10W (Typ.)	*
10.1" (16:10)	W10L100-PCH2	1280 x 800	800:1 (Typ.)	350 nits	-85~85 (H); -85~85 (V)	16.7M	12V DC	10W (Typ.)	*
10.1" (16:10)	W10L100-PCH2LB	1280 x 800	800:1 (Typ.)	350 nits	-85~85 (H); -85~85 (V)	16.7M	12V DC	10W (Typ.)	*
10.4"	R10L100-PCT2	1024 x 768	1000:1 (Typ.)	350 nits	-88~88 (H); -88~88 (V)	16.2M	12V DC	10W (Typ.)	*
12.1"	R12L100-PCM2	1024 x 768	700:1 (Typ.)	500 nits	-80~80 (H); -70~70 (V)	16.2M	12V DC	12W (Typ.)	*
15"	R15L600-PCC3	1024 x 768	2000:1 (Typ.)	1000 nits	-88~88 (H); -88~88 (V)	16.2M	12V DC	25W (Typ.)	*
15"	R15L100-PTC3	1024 x 768	2000:1 (Typ.)	300 nits	-88~88 (H); -88~88 (V)	16.2M	12V DC	10W (Typ.)	*
15.6" (16:9)	W15L100-PTA3	1920 x 1080	700:1 (Typ.)	300 nits	-85~85 (H); -85~85 (V)	16.2M	12V DC	10W (Typ.)	*
18.5" (16:9)	W18L100-PTA2	1366 x 768	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	16.7M	12V DC	30W (Typ.)	*
23.8" (16:9)	W24L100-POA2	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	16.7M	12V DC	40W (Typ.)	*
32" (16:9)	W32L100-PCA3	1920 x 1080	3000:1 (Typ.)	400 nits	-89~89 (H); -89~89 (V)	16.7M	100~240V AC	75W (Typ.)	*
43" (16:9)	W43L100-PCA3	1920 x 1080	3000:1 (typ.)	400 nits	-89~89 (H); -89~89 (V)	16.7M	100~240V AC	75W (Typ.)	*

Front IP65



Size	Model Name	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Capacitive
8.4"	R08L200-PPU1	800 x 600	600:1 (Typ.)	600 nits	-75~75 (H); -60~70 (V)	Yes	12V DC	15 W (Typ.)	*
10.1" (16:10)	W10L100-EHH2	1280 x 800	800:1 (Typ.)	300 nits	-85~85 (H); -85~85 (V)	Yes	12V DC	10 W (Typ.)	*
10.4"	R10L100-PPT2	1024 x 768	1000:1 (Typ.)	350 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	15 W (Typ.)	*
15"	R15L600-PPC3	1024 x 768	2000:1 (Typ.)	250 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	15 W (Typ.)	*
15.6" (16:9)	W15L100-PPA4	1920 x 1080	800:1 (Typ.)	300 nits	-85~85 (H); -85~85 (V)	Yes	12V DC	25 W (Typ.)	*
17"	R17L100-PPM1	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	36W (Typ.)	*
19"	R19L300-PPM1	1280 x 1024	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	27 W (Typ.)	*
21.5" (16:9)	W22L100-PPA3	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	40 W (Typ.)	*
24" (16:9)	W24L100-PPA2	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	65 W (Typ.)	*

Open Frame



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Capacitive
7" (16:10)	W07L100-POT1	153.6 x 90	1024 x 600	1100:1 (Typ.)	320 nits	-70~75 (H); -75~75 (V)	Yes	12V DC	10W (Typ.)	*
10.1" (16:10)	W10L100-POH2	216.96 x 135.60	1280 x 800	800:1 (Typ.)	350 nits	-85~85 (H); -85~85 (V)	Yes	12V DC	10W (Typ.)	*
10.1" (16:9)	W10L100-POA1	216.57 x 135.36	1920 x 1080	800:1 (Typ.)	700 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	10W (Typ.)	*
15"	R15L100-POC3	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	250 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	15W (Typ.)	*
17"	R17L100-POM1	337.920 x 270.336	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	36W (Typ.)	*
19"	R19L100-POM1	376.32 x 301.06	1280 x 1024	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	27W (Typ.)	*
21.5" (16:9)	W22L100-POA3	476.64 x 269.11	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	40W (Typ.)	*
24" (16:9)	W24L100-POA2	527.04 x 296.46	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	65W (Typ.)	*
32" (16:9)	W32L100-POA3	698.4 x 392.85	1920 x 1080	3000:1 (Typ.)	400 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	75W (Typ.)	*

17"/ 19" Industrial Display

1U Console Drawer



Application



Enterprise Data Center

"SAVE SPACE AND CAN BE DRAWN WHEN NEEDED."

Provides ease of access to servers, making software upgrades, troubleshooting and system monitoring convenient and less time consuming.

“A SINGLE SET OF KEYBOARD, MONITOR & MOUSE.”

- 17"/19" screen
- Console mount

VGA video input

Keyboard, mouse: HDB-15

OSD control 5 keys

Console mount

Operating temperature 0°C to 50°C

Accessories

Power Cord

AC Adapter

Touch Drive CD

VGA Cable 1.8m

Industrial Display

1U Console Drawer



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Power Input	Power Consumption
17"	LDS310D-1P	337.92 x 270.34	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85 (H); -80~80 (V)	12V DC	35 W (Typ.)
17"	LDS310D-16P	337.92 x 270.34	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85 (H); -80~80 (V)	12V DC	35 W (Typ.)
19"	LDS410D-1P	376.32 x 301.056	1280 x 1024	500:1 (Typ.)	250 nits	-85~85 (H); -85~85 (V)	12V DC	35 W (Typ.)
19"	LDS410D-16P	376.32 x 301.056	1280 x 1024	500:1 (Typ.)	250 nits	-85~85 (H); -85~85 (V)	12V DC	35 W (Typ.)

5.7"~32" Industrial Display LCD Kit

Custom configuration



HDMI



Application



Exhibition Hall Information Stand

"FOR BRIGHT LIT
LOCATIONS."

Installed in an exhibition hall and wired with display in the hall to inform visitors about the latest daily schedule, allow them to see overview of the meeting venues and its location.

“ **CREATE YOUR OWN
DISPLAY SOLUTION.** ”

- 5.7" ~32" screen LCD kit solution
- Chassis, open frame, panel mount, front IP65
- Sunlight readable screen

VGA, DVI video input

Operating temperature 0°C to 50°C

Accessories

Scaler Board	Driver Board	OSD Board	Panel	Panel Cable
LED Driver Cable	OSD Cable			

Industrial Display

LCD Kit



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
5.7"	R057-D1(HB)	115.2 x 86.4	640 x 480	300:1 (Typ.)	900 nits	-70~70 (H); -40~60 (V)	Yes (R2AH)	12V DC	15 W (Typ.)	*
7" (16:10)	W070-O1(HB)	153.6 x 90.0	1024 x 600	700:1 (Typ.)	1000 nits	-75~75 (H); -75~70 (V)	Yes (R2AH)	12V DC	8 W (Typ.)	*
8.4"	R084-T1(HB)	170.4 x 127.8	800 x 600	600:1 (Typ.)	1000 nits	-80~80 (H); -60~80 (V)	Yes (R2AH)	12V DC	15 W (Typ.)	*
10.1" (16:10)	W101-H1(HB)	222.72 x 125.28	1024 x 600	800:1 (Typ.)	800 nits	-80~80 (H); -80~75 (V)	Yes (R2AH)	12V DC	7 W (Typ.)	*
10.4"	R104-P1(HB)	211.2 x 158.4	800 x 600	400:1 (Typ.)	1000 nits	-70~70 (H); -70~60 (V)	Yes (R2AH)	12V DC	15 W (Typ.)	*
12.1"	R121-M2(HB)	245.76 x 184.32	1024 x 768	700:1 (Typ.)	1000 nits	-80~80 (H); -70~70 (V)	Yes (R2AH)	12V DC	17 W (Typ.)	*
15"	R150-C3(HB)	304.128 x 228.096	1024 x 768	2000:1 (Typ.)	1000 nits	-88~88 (H); -88~88 (V)	Yes (R2AH)	12V DC	22 W (Typ.)	*
17"	R170-A1(HB)	337.92 x 270.336	1280 x 1024	1000:1 (Typ.)	1000 nits	-85~85 (H); -80~80 (V)	Yes (R2AH)	12V DC	32 W (Typ.)	*
19"	R190-A1(HB)	376.32 x 301.06	1280 x 1024	1000:1 (Typ.)	1000 nits	-85~85 (H); -80~80 (V)	Yes (R2AH)	12V DC	31 W (Typ.)	*
15.6" (16:9)	W156-A2(HB)	344.232 x 193.536	1366 x 768	500:1 (Typ.)	1300 nits	-85~85 (H); -80~80 (V)	Yes (R2AH)	12V DC	25 W (Typ.)	*
21.5" (16:9)	W215-A3(HB)	476.64 x 268.11	1920 x 1080	1000:1 (Typ.)	1000 nits	-89~89 (H); -89~89 (V)	Yes (R2AH)	12V DC	50 W (Typ.)	*
24" (16:9)	W238-A2(HB)	527.04 x 296.46	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89 (H); -89~89 (V)	Yes (R2AH)	12V DC	65 W (Typ.)	*
27" (16:9)	W270-A1(HB)	597.6 x 336.15	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89 (H); -89~89 (V)	Yes (R2AH)	12V DC	70 W (Typ.)	*
32" (16:9)	W320-A3(HB)	698.4 x 392.85	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89 (H); -89~89 (V)	Yes (R2AH)	12V DC	75 W (Typ.)	*

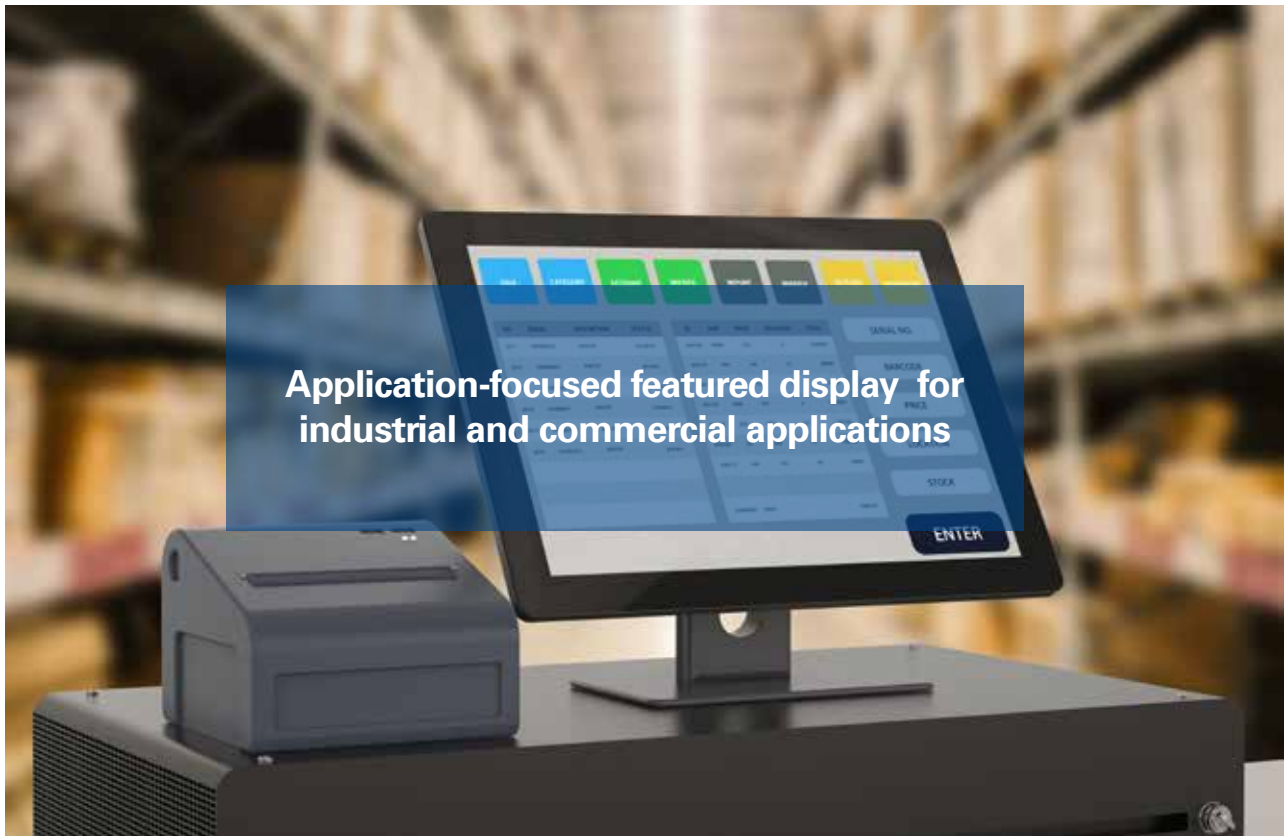
Featured Display

Overview

Winmate brings advanced LCD technologies to the market. We design and manufacture application-focused display solutions, including wide power and temperature range display, transfective, high brightness, bar-type, stainless display. Our featured displays are used across industries in industrial automation, outdoor kiosks, human machine interfaces (HMI), heavy duty vehicles and various other applications.

Winmate's featured display solutions include:

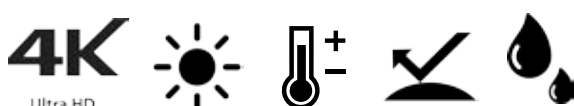
- Various housing options: chassis, open frame, panel mount, rack mount, front IP65
- Touch capabilities: resistive, projected capacitive (PCAP) or SAW touch screen
- High resolution 4K UHD display
- Sunlight readable display



Product Offering

Winmate industrial displays also provide several kinds of mounting solutions for your unique application and environment, such as chassis, panel mount, open frame, rear mount, rack mount, bar-type and others.

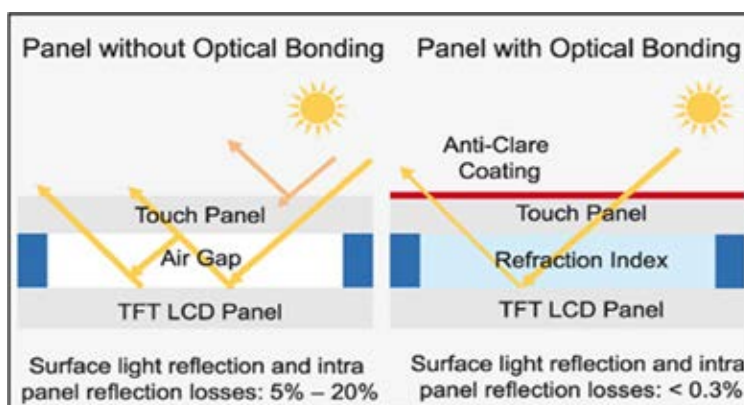
Featured Industrial Display



Technology

In-house Direct Optical Bonding

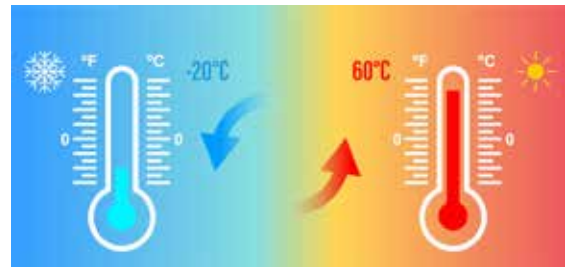
Winmate has in-house facilities for direct optical bonding. The advantages of optical bonding is minimizing the reflection from inner-surface of the glass, improved ruggedness, condensation prevention and increased anti-shock and vibration capabilities.



Technology

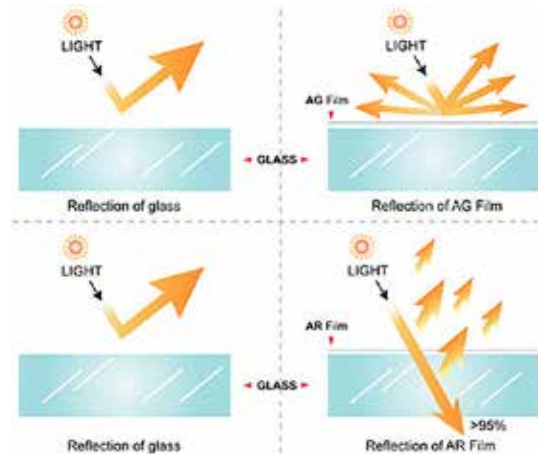
Wide Temperature

Winmate uses a heating film an in-house intelligent AD board to control the temperature of the TFT-LCD, so that the display is capable to deliver accurate color images in extreme sunlight under the temperature range from -20 to 60 degree Celsius.



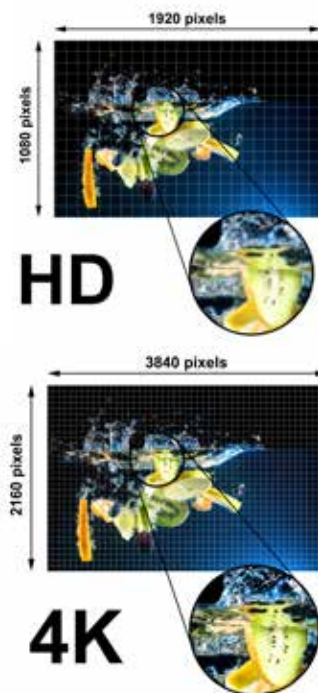
Sunlight Readability

Winmate uses several techniques to make the screen sunlight readable. Among them is panel backlight enhancement, anti-reflective film or coating on the glass surface, anti-glare film or etching on the glass surface, or direct optical bonding between touch and panel.



Ultra-High Resolution LCD

Ultra High Definition (UHD) is also been called 4K/2K resolution. This is 3840 x 2160 resolution which is 4 times from Full HD. And the total pixels are 8 mega pixels in comparison with Full HD which only has 2 megapixels. In short, UHD can offer better image's quality and keep the image details.



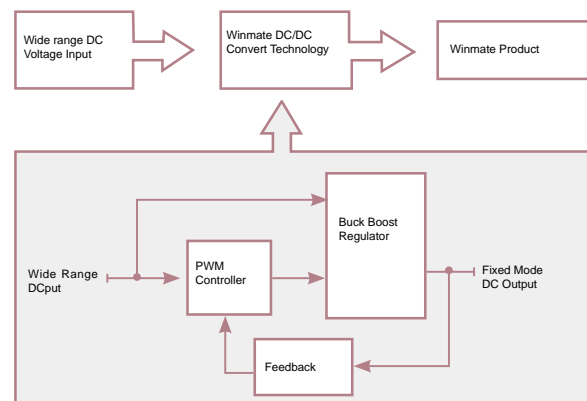
Compare to full HD the UHD has several advantages:

- Higher resolution
- Wider viewing angle
- Shorter viewing distance

Winmate UHD 2160p display ensures the best image quality, highest resolution and optimal contrast.













Wide Voltage Solution

The supply of voltage in different application scenarios vary or sometimes appear unstable as a result of using unsuitable power to fit the appliances. Incorrect voltage and current may also damage the electrical components. The wide voltage range solution for power input is designed accordingly to solve the problem and to protect the products by converting different voltage input to meet the ones as required.



Product Guide-Featured Industrial Display

Our product guide helps you to navigate and find the right product from our excessive product line

<p>4K UHD Display</p>	<p>PT Series Display</p>
	
<p>27" / 32" p.175</p>	<p>15"~32" p.177</p>
<p>GC Series Display</p>	<p>USB Type-C Display</p>
	 
<p>19"~23.8" p.193</p>	<p>7"~18.5" p.201</p>
<p>PoE Touch Display</p>	<p>SDI Display</p>
 	 
<p>10.1"~15.6" p.205</p>	<p>10.1"~32" p.207</p>
<p>Sunlight Readable</p>	<p>Wide Temperature</p>
 	
<p>7"~32" p.213</p>	<p>6.5"~19" p.215</p>

27" / 32" Featured Display

12G-SDI Series

NEW

Custom configuration



PCAP
Touchscreen



DICOM



Backlight
Sensor



Calibration
Software



High Panel
Brightness
(Optional)



VSEL
Bonding
(Optional)



Application



Endoscopy

"FAITHFUL
REPRESENTATION OF
IMAGES AND VIDEO."

The monitors are able to achieve faithful representation of surgical images or videos for use in endoscopy and operating rooms.

“
**TRANSFER MOST
ACCURATE IMAGES FROM
THE SOURCE.**
”

- 27" / 32" screen with PCAP touchscreen
- Chassis housing
- 12G-SDI Loop in, 12G-SDI Loop out

4K UHD (3840 x 2160) native resolution

12G-SDI, HDMI 1.4, HDMI 2.0, Display Port 1.2

3D Look Up Table (LUT)

VESA mount

Front IP65 waterproof and dustproof

Operating temperature 0°C to 50°C

Accessories

Adapter	Power Cord	Remote Control	VESA Screws	HDMI Cable
SDI Cable	DVI Cable			

Featured Display

12G-SDI Display

NEW



NEW



Model Name	27" (16:9)	32" (16:9)
	M270TF-SDI	M320TF-SDI
Display		
Native Resolution	3840 x 2160 (UHD 4K)	3840 x 2160 (UHD 4K)
Contrast Ratio	1000:1 (typ)	1000:1 (typ)
View Angle	-89~89 (H); -89~89 (V)	-89~89 (H); -89~89 (V)
Active Area	596.16 x 335.34	708.48 x 398.52
Response Time	12ms (Gray to Gray)	12ms (Gray to Gray)
Screen Technology	LED Backlight Technology, TFT Active matrix, Widescreen, IPS Technology	LED Backlight Technology, TFT Active matrix, Widescreen, IPS Technology
Light Intensity	300 nits, optional high brightness up to 700 nits	350 nits, optional high brightness up to 700 nits
Max Colors	1.07B	1.07B
Synchronization Signal Auto-detect	Digital Separate Sync., Composite Sync., Sync. On Green	Digital Separate Sync., Composite Sync., Sync. On Green
Color Profiles	Support 3D LUT profile 6 x general user color schemes DICOM GSDF (Optional)	Support 3D LUT profile 6 x general user color schemes DICOM GSDF (Optional)
Optimal Resolution and Hz	3840 x 2160 @ 60 Hz	3840 x 2160 @ 60 Hz
User Controls		
Sensors	Backlight sensor, Ambient light sensor, IR Control	Backlight sensor, Ambient light sensor, IR Control
Control	Capacitive OSD: Power On/Off, On Screen Display Menu, Brightness Control (-/+)	Capacitive OSD: Power On/Off, On Screen Display Menu, Brightness Control (-/+)
Input Signal	<ul style="list-style-type: none"> • 12G SDI • HDMI 2.0 • DP1.2 • HDMI1.4 • USB for Touch (Optional) • S232 for Remote Control (Optional) 	<ul style="list-style-type: none"> • 12G SDI • HDMI 2.0 • DP1.2 • HDMI1.4 • USB for Touch (Optional) • S232 for Remote Control (Optional)
Output Signal	<ul style="list-style-type: none"> • 12G SDI (Loop Through) 	<ul style="list-style-type: none"> • 12G SDI (Loop Through)
Mechanical		
Dimensions	643.17 x 408.06 x 48 mm (25.3 x 16.1 x 1.8 in)	777.58 x 477.62 x 48 mm (30.6 x 18.8 x 1.8 in)
Mounting	VESA Mount (100 x 100, 200 x 100 mm)	VESA Mount (100 x 100, 200 x 100, 300 x 100 mm)
Product Weight	9.5 kg (20.9 lbs)	11 Kg (24.2 lbs)
Factory Options	PCAP touchscreen (USB)	PCAP touchscreen (USB)
Environment		
Operating Temp.	0°C to 35°C, Humidity up to 95%	0°C to 35°C, Humidity up to 95%
Storage Temp.	-20°C to 60°C, Humidity up to 95%	-20°C to 60°C, Humidity up to 95%
IP Rating	Front - IP65, Rear - IP22	Front - IP65, Rear - IP22
Power		
Power Input	24V DC 150W	24V DC 150W
AC Adapter	AC 110~240 V, Universal, ±10%	AC 110~240 V, Universal, ±10%
Certifications		
Type Approval, Testing and Certificates	CE, FCC	CE, FCC

27" / 32" Featured Display

4K UHD

Custom configuration



PCAP
Touchscreen



DICOM



Backlight
Sensor



Calibration
Software



High Panel
Brightness
(Optional)



VSEL
Bonding
(Optional)



Application



Hospital Surgery Room

"ACCURATE IMAGE REPRODUCTON."

The 4K UHD Display with color calibration is suited for operating room usage where image reproduction needs to be accurate.

“**SUPERIOR RESOLUTION.
PRECISE IMAGING.**”

- 27"/32" screen, 3840 x 2160 (UHD 4K) resolution
- Chassis housing

3840 x 2160 (UHD 4K) resolution

VGA, HDMI, DP, DVI, SDI input

Projected capacitive multi-touch

Capacitive Touch key x 5

Operating temperature 0°C to 50°C

IEC 60601-1, EN 60601-1-2

Accessories

User Manual

VGA Cable

HDMI Cable

DP Cable

DVI Cable

Featured Display

4K UHD Display



Model Name	27" (16:9)	32" (16:9)
	M270TF	M320TF
Display		
Native Resolution	3840 x 2160 (UHD 4K)	3840 x 2160 (UHD 4K)
Contrast Ratio	1000:1 (typ)	1000:1 (typ)
View Angle	-89~89 (H); -89~89 (V)	-89~89 (H); -89~89 (V)
Active Area	596.16 x 335.34	708.48 x 398.52
Response Time	12ms (Gray to Gray)	12ms (Gray to Gray)
Screen Technology	LED Backlight Technology, TFT Active matrix, Widescreen, IPS Technology	LED Backlight Technology, TFT Active matrix, Widescreen, IPS Technology
Light Intensity	300 nits, optional high brightness up to 700 nits	350 nits, optional high brightness up to 700 nits
Max Colors	1.07B	1.07B
Synchronization Signal Auto-detect	Digital Separate Sync., Composite Sync., Sync. On Green	Digital Separate Sync., Composite Sync., Sync. On Green
Color Profiles	Support 3D LUT profile 6 x general user color schemes DICOM GSDF (Optional)	Support 3D LUT profile 6 x general user color schemes DICOM GSDF (Optional)
Optimal Resolution and Hz	3840 x 2160 @ 60 Hz	3840 x 2160 @ 60 Hz
User Controls		
Sensors	Backlight sensor, Ambient light sensor, IR Control	Backlight sensor, Ambient light sensor, IR Control
Control	Capacitive OSD: Power On/Off, On Screen Display Menu, Brightness Control (-/+)	Capacitive OSD: Power On/Off, On Screen Display Menu, Brightness Control (-/+)
Input Signal	<ul style="list-style-type: none"> <li style="margin-right: 10px;">• 3G SDI <li style="margin-right: 10px;">• HDMI 2.0 <li style="margin-right: 10px;">• DP1.2 <li style="margin-right: 10px;">• VGA <li style="margin-right: 10px;">• Dual DVI In <li style="margin-right: 10px;">• HDMI 1.4 <li style="margin-right: 10px;">• Audio In 	<ul style="list-style-type: none"> <li style="margin-right: 10px;">• 3G SDI <li style="margin-right: 10px;">• HDMI 2.0 <li style="margin-right: 10px;">• DP1.2 <li style="margin-right: 10px;">• VGA <li style="margin-right: 10px;">• Dual DVI In <li style="margin-right: 10px;">• HDMI 1.4 <li style="margin-right: 10px;">• Audio In
Output Signal	<ul style="list-style-type: none"> • DP (Multi-Stream Transport) • Audio Out • 5V out • 3G-SDI (Loop Through), support 1080P 	<ul style="list-style-type: none"> • DP (Multi-Stream Transport) • Audio Out • 5V out • 3G-SDI (Loop Through), support to 1080P
Mechanical		
Dimensions	643.17 x 408.06 x 48 mm (25.3 x 16.1 x 1.8 in)	777.58 x 477.62 x 48 mm (30.6 x 18.8 x 1.8 in)
Mounting	VESA Mount (100 x 100, 200 x 100 mm)	VESA Mount (100 x 100, 200 x 100, 300 x 100 mm)
Product Weight	9.5 kg (20.9 lbs)	11 Kg (24.2 lbs)
Factory Options	PCAP touchscreen (USB)	PCAP touchscreen (USB)
Environment		
Operating Temp.	0°C to 35°C, Humidity up to 95%	0°C to 35°C, Humidity up to 95%
Storage Temp.	-20°C to 60°C, Humidity up to 95%	-20°C to 60°C, Humidity up to 95%
IP Rating	Front - IP65, Rear - IP22	Front - IP65, Rear - IP22
Power		
Power Input	24V DC 150W	24V DC 150W
AC Adapter	AC 110~240 V, Universal, ±10%	AC 110~240 V, Universal, ±10%
Certifications		
Type Approval, Testing and Certificates	<ul style="list-style-type: none"> • IEC 60601-1:2005 + A1:2015 (Ed. 3.1) • IEC 60601-1-6:2010 + A1:2013 (Ed. 3.1) • IEC 62366:2007 + A1:2014 (Ed. 1.1) • ANSI/AAMI ES60601-1:2005/A1:2012 and C1:2009/(R)2012 and A2:2010/(R)2012 • CAN/CSA-C22.2 No.60601-1:14 • EN606001-1-2 • EN55032/EN55024, FCC part 15B • EN60950-1 	<ul style="list-style-type: none"> • IEC 60601-1:2005 + A1:2015 (Ed. 3.1) • IEC 60601-1-6:2010 + A1:2013 (Ed. 3.1) • IEC 62366:2007 + A1:2014 (Ed. 1.1) • ANSI/AAMI ES60601-1:2005/A1:2012 and C1:2009/(R)2012 and A2:2010/(R)2012 • CAN/CSA-C22.2 No.60601-1:14 • EN606001-1-2 • EN55032/EN55024, FCC part 15B • EN60950-1

15"~32" Featured Display

PT Series

NEW



“**ENTERPRISE GRADE DISPLAY
WITH FUTURE PROOF
MONITORING SOLUTION.**”

- 15"~32" screen with PCAP touchscreen
- VESA mount (stand-alone)

VGA, HDMI video input

OSD control 5 keys

VESA mount, panel mount

Front IP65 waterproof and dustproof

Operating temperature 0°C to 50°C

Custom configuration



Remote Control
RS232

Application



Point-of-Sales (POS)

“STYLISH AND
FUNCTIONAL.”

Winmate's 15" PT Series display was installed inside the counter of a famous grocery store. Brilliant LCD screen, stand-alone design and convenient mounting options.

Accessories

Adapter

Power Cord

HDMI Cable

VGA Cable

USB Cable for Touch

Featured Display

PT Series Display

NEW



Model Name	15"	15" (16:9)	18" (16:9)	32" (16:9)	32" (16:9)	32" (16:9)
	R15L100-PTC3	W15L100-PTA3	W18L100-PTA2(HB)	W32L100-PTA2	W32L100-PTA1	W32L100-PTA1-SDI
Display						
Active Area	304.1 x 228.1	344.1 x 193.5	409.8 x 230.4	698.4 x 392.8	708.4 x 398.5	708.4 x 398.5
Resolution	1024 x 768	1920 x 1080	1366 x 768	1920 x 1080	3840 x 2160	3840 x 2160
Contrast Ratio	2000:1	800:1	1000:1	4000:1	1000:1	1000:1
Display Color	16.2M	16.2M	16.7M	16.2M	1.07B	1.07B
Brightness	250(typ.)	300(typ.)	250(typ.)	250(typ.)	350(typ.)	350(typ.)
Viewing Angle	-88~88(H); -88~88(V)	-85~85(H) ; -85~85 (V)	-85~85(H) ; -80~80 (V)	-89~89(H) ; -89~89 (V)	-89~89(H) ; -89~89 (V)	-89~89(H) ; -89~89 (V)
Touch	PCAP touchscreen	PCAP touchscreen	PCAP touchscreen	PCAP touchscreen	PCAP touchscreen	PCAP touchscreen
I/O Connectors						
Power	1 x DC Input	1 x DC Input	1 x DC Input	1 x DC Input	1 x DC Input	1 x DC Input
HDMI	1 x HDMI	1 x HDMI	1 x HDMI	1 x HDMI	1 x HDMI 1.4, HDMI 2.0	1 x HDMI 1.4, HDMI 2.0
VGA	1 x VGA	1 x VGA	1 x VGA	1 x VGA	1 x VGA	-
DP	-	-	-	-	1 x DP 1.2	1 x DP 1.2
SDI	-	-	-	-	1 x 3G-SDI	1 x 12G-SDI
DVI	-	-	-	-	1 x DVI-D	-
Power						
Power Input	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC
Power Consumption	10W	15W	15W	50W	55W	55W
Mechanical						
Dimensions	352.5 x 276.7 x 45 mm	387.8 x 232.9 x 38.45 mm	583 x 352 x 55 mm	799 x 478 x 63.7 mm	799 x 478 x 63.7 mm	799 x 478 x 63.7 mm
Mouting	VESA	VESA	VESA	VESA	VESA	VESA
Environment						
Operating Temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
Operating Humidity	10% to 90% (Non- condensing, RH)	10% to 90% (Non- condensing, RH)	10% to 90% (Non- condensing, RH)	10% to 90% (Non- condensing, RH)	10% to 90% (Non- condensing, RH)	10% to 90% (Non- condensing, RH)
IP Rating	-	-	Front IP65	Front IP65	Front IP65	Front IP65

15"~23.8" Featured Display IP69K Stainless P Series

NEW

Custom configuration



AG Coating



Wide Power



Yoke Mount
Stand Kit



“**PERFECT FOR OPERATIONS IN
HARSH ENVIRONMENTS.**”

Application



Food Production

“VERSATALE MOUNTING, ROUND EDGES AND RUGGED CONSTRUCTION.”

Working with the snack manufacturer, Winmate provided our 21.5-inch P-Series Display. The IP69K series is built to withstand extensive wash downs with corrosion resistance against cleaning agents, especially against close-range high-pressure, high temperature wash downs.

- 15"~23.8" screen with PCAP touchscreen
- Stainless housing SUS316
- Full I69

VGA, HDMI

USB for touch

OSD control 5 keys

Waterproof conduit pipe

Air vent valve

VESA mount, panel mount

IP69K waterproof and dustproof

Operating temperature 0°C to 45°C

Accessories

Adapter

Power Cord

Conduit Elbow

Waterproof Conduit 1.5m

Open Wire Cable

Yoke Mount Stand Kit (Optional)

Featured Display

IP69K Stainless P Series



Model Name	15"	19"	21.5" (16:9)	23.8" (16:9)
	R15L100-SPC369-P	R19L100-SPM169-P	W22L100-SPA369-P	W24L100-SPA269-P
Display				
Resolution	1024 x 768	1280 x 1024	1920 x 1080	1920 x 1080
Panel Brightness	250 nits	350 nits	250 nits	250 nits
Contrast Ratio	2000:1	1000:1	3000:1	3000:1
Viewing Angle	-88~88 (H); -88~88(V)	-85~85 (H); -80~80(V)	-89~89 (H); -89~89 (V)	-89~89 (H); -89~89 (V)
Active Area	210.4 x 157.8	304.128 x 228.096	376.32 x 301.06	527.04 x 296.46
Display Color	16.2M	16.7M	16.7M	16.7M
Touch	PCAP touchscreen	PCAP touchscreen	PCAP touchscreen	PCAP touchscreen
Connectors				
Connectors	1 x USB for Touch 1 x HDMI input 1 x VGA	1 x USB for Touch 1 x HDMI input 1 x VGA	1 x USB for Touch 1 x HDMI input 1 x VGA	1 x USB for Touch 1 x HDMI input 1 x VGA
Mechanical				
Dimensions	356 x 280 x 56 mm	445 x 370 x 56 mm	531 x 322 x 56 mm	600 x 369 x 56 mm
Mounting	VESA Mount (100 x 100 mm), Panel Mount, optional Yoke Mount Stand	VESA Mount (100 x 100 mm), Panel Mount, optional Yoke Mount stand	VESA Mount (100 x 100 mm), Panel Mount, optional Yoke Mount Stand	VESA Mount (100 x 100 mm), Panel Mount, optional Yoke Mount Stand
Environment				
IP Rating	IP69K	IP69K	IP69K	IP69K
Operating Temp.	0 °C to 45 °C	0 °C to 45 °C	0 °C to 45 °C	0 °C to 45 °C
Storage Temp.	-10 °C to 60 °C	-10 °C to 60 °C	-10 °C to 60 °C	-10 °C to 60 °C
Humidity	10% to 95% (Non-condensing, RH)	10% to 95% (Non-condensing, RH)	10% to 95% (Non-condensing, RH)	10% to 95% (Non-condensing, RH)
Power				
Power Input	12V DC	12V DC	12V DC	12V DC
Power Consumption	18W (typ.)	23W (typ.)	29W (typ.)	26W (typ.)
AC Adapter	100~240V AC to 12V DC Adapter	100~240V AC to 12V DC Adapter	100~240V AC to 12V DC Adapter	100~240V AC to 12V DC Adapter
Certifications				
EMC	CE, FCC	CE, FCC	CE, FCC	CE, FCC

10.4"~21.5" Featured Display IP69K Stainless

Custom configuration



P-Cap



DVI-D

PCAP
Touchscreen



“
**WITHSTANDS HIGH
PRESSURE WASH DOWNS,
EASY-TO-CLEAN.**
”

- 10.4"~21.5" screen with PCAP touchscreen
- Stainless housing SUS316
- Full IP69K with air venting valve

Stainless steel housing SUS316

Waterproof connectors DVI, VGA, power, USB for touch

OSD control 5 keys

VESA mount

Air venting valve

IP69K waterproof and dustproof

Operating temperature -10°C to 55°C

Accessories

Quick Start Guide

VESA Screws

Power Cord

Adapter

VGA Cable

USB Cable for Touch

Application



Food Production Plant

“EASY TO CLEAN
FOR HYGIENIC
REQUIREMENTS.”

Sealed to IP69K Winmate's Stainless Steel Display was used in a food processing facility where it had to withstand high pressure washdowns everyday.

Featured Display

IP69K Stainless



Model Name	10.4"	15"	19"	21.5" (16:9)
	R10L100-SPT269	R15L100-SPC369	R19L100-SPM169	W22L100-SPA369
Display				
Resolution	1024 x 768	1024 x 768	1280 x 1024	1920 x 1080
Panel Brightness	350 nits	250 nits	250 nits	250 nits
Contrast Ratio	1000:1 (Typ.)	700 : 1 (Typ.)	1000:1 (Typ.)	3000:1 (Typ.)
Active Area	210.4 x 157.8	304.128 x 228.096	376.32 x 301.06	476.64 x 268.11
Viewing Angle	-88~88 (H); -88~88 (V)	-80~80 (H); -70~70 (V)	-85~85 (H); -80~80 (V)	-89~89 (H); -89~89 (V)
Display Color	16.2M	16.2M	16.7M	16.7M
Touch	Projected Capacitive	Projected Capacitive	Projected Capacitive	Projected Capacitive
Connectors				
Video Input	1 x 3-Pin power 1 x VGA 1 x DVI-D (Optional) 1 x USB connector	1 x 3-Pin power 1 x VGA 1 x DVI-D (Optional) 1 x USB connector	1 x 3-Pin power 1 x VGA 1 x DVI-D (Optional) 1 x USB connector	1 x 3-Pin power 1 x VGA 1 x DVI-D (Optional) 1 x USB connector
Mechanical				
Dimensions	289.5 x 246 x 49.4 mm	378 x 301 x 56.4 mm	467.4 x 392 x 56.6 mm	541 x 337 x 53 mm
Operating Temp.	-10°C to 55°C	-10°C to 55°C	-10°C to 55°C	-10°C to 55°C
Humidity	30% to 90% (Non-condensing, RH)	30% to 90% (Non-condensing, RH)	30% to 90% (Non-condensing, RH)	30% to 90% (Non-condensing, RH)
Environment				
IP Proof	IP69K, air venting valve	IP69K, air venting valve	IP69K, air venting valve	IP69K, air venting valve
Mouting	VESA Mount (75 x 75 mm)	VESA Mount (100 x 100 mm)	VESA Mount (100 x 100 mm)	VESA Mount (200 x 100 mm)
Power				
Power Input	12V DC	12V DC	12V DC	12V DC
Power Consumption	26W	30W	36W	50W
AC Adapter	AC 110~240 V, Universal, ±10%	AC 110~240 V, Universal, ±10%	AC 110~240 V, Universal, ±10%	AC 110~240 V, Universal, ±10%
Certifications				
Safety	CE, FCC	CE, FCC	CE, FCC	CE, FCC

10.4"~19" Featured Display IP67 Stainless

Custom configuration



Housing



RS232
For Touch



USB
For Touch



Resistive
Touchscreen



Application



Pharmaceutical Manufacturing Control Systems

"INCREASE
PRODUCTIVITY AND
PROFITABILITY"

Real-time access and
extended enterprise visibility
to vital manufacturing data.

**“ RUGGED. WATERPROOF.
DUSTPROOF. ”**

- 10.4"~19" screen with resistive touchscreen
- Stainless housing SUS316
- VESA mount

VGA video input

Touch interface USB or RS232

OSD control 5 keys

Operating temperature 0°C to 50°C

Accessories

Power Cord

AC Adapter

Drive CD

VGA Cable 1.8m

Featured Display

IP67 Stainless



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
10.4"	R10L100-67T2ST	210.432 x 157.824	1024 x 768	1200:1 (Typ.)	350 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	15W (Typ.)	*
15"	R15L600-67C3ST	304.128 x 228.096	1024 x 768	2000:1 (Typ.)	250 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	25W (Typ.)	*
19"	R19L300-67M1ST	376.32 x 301.06	1280 x 1024	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	27W (Typ.)	*

Custom configuration



PCAP
Touchscreen

Application



Industrial Control Panel

“PROVIDES A FAST
RESPONSE IN
EMERGENCY SITUATIONS.”

A factory in Europe utilizes Winmate's 15" stainless display with push buttons for industrial control panel application. Brilliant flat screen with PCAP touch offers the best user controls. IP69K-rated corrosion resistant and completely waterproof housing saves the hassles of maintenance in harsh factory environments.

10.1"~21.5" Featured Display Stainless Series with Push Buttons

NEW



“**SPEED UP RESPONSE TIME IN
EMERGENCY SITUATIONS.**”

”

- 10.1"~21.5" screen with PCAP touchscreen
- Stainless housing SUS316
- Full IP65 with air venting valve

Stainless steel housing SUS316

Waterproof connectors VGA, power, USB for touch, push button

OSD control 5 keys

VESA mount

Push Button for automation control

IP65 waterproof and dustproof

Operating temperature 0°C to 45°C

Accessories

Quick Start Guide

VESA Screws

Power Cord

Adapter

VGA Cable

USB Cable for Touch

x86 IP65 Stainless Series with Push Buttons

Intel® Celeron® N2930

NEW



NEW



NEW



NEW



Model Name	10.1" (16:9)	15"	19"	21.5" (16:9)
	W10L100-SPH1-B	R15L100-SPC3-B	R19L100-SPM1-B	W22L100-SPA3-B
Display				
Resolution	1024 x 600	1024 x 768	1280 x 1024	1920 x 1080
Panel Brightness	450 nits	250 nits	250 nits	250 nits
Contrast Ratio	800:1 (Typ.)	700 : 1 (Typ.)	1000:1 (Typ.)	3000:1 (Typ.)
Active Area	210.4 x 157.8	304.128 x 228.096	376.32 x 301.06	476.64 x 268.11
Viewing Angle	-80~80 (H); -75~80 (V)	-80~80 (H); -70~70 (V)	-85~85 (H); -80~80 (V)	-89~89 (H); -89~89 (V)
Display Color	16.7M	16.2M	16.7M	16.7M
Touch	PCAP touchscreen	PCAP touchscreen	PCAP touchscreen	PCAP touchscreen
Connectors				
Power Input	1 x 3-Pin Power	1 x 3-Pin Power	1 x 3-Pin Power	1 x 3-Pin Power
Video Input	1 x 12-Pin VGA	1 x 12-Pin VGA	1 x 12-Pin VGA	1 x 12-Pin VGA
Touch Control	1 x USB connector	1 x USB connector	1 x USB connector	1 x USB connector
Mechanical				
Operating Temp.	0°C to 45°C	0°C to 45°C	0°C to 45°C	0°C to 45°C
Humidity	10% to 90% (Non-condensing, RH)	10% to 90% (Non-condensing, RH)	10% to 90% (Non-condensing, RH)	10% to 90% (Non-condensing, RH)
Push Buttons	2 x M12 waterproof connector for push-button extension	2 x M12 waterproof connector for push-button extension	2 x M12 waterproof connector for push-button extension	2 x M12 waterproof connector for push-button extension
Environment				
IP Proof	IP65	IP65	IP65	IP65
Mouting	VESA mount (75 x 75 mm)	VESA mount (100 x 100 mm)	VESA mount (100 x 100 mm)	VESA mount (100 x 100 mm)
Power				
Power Input	12V DC	12V DC	12V DC	12V DC
Power Consumption	26W	30W	26W	50W
AC Adapter	AC 110~240 V, Universal, ±10%	AC 110~240 V, Universal, ±10%	AC 110~240 V, Universal, ±10%	AC 110~240 V, Universal, ±10%
Certifications				
Safety	CE, FCC	CE, FCC	CE, FCC	CE, FCC

10.4"~21.5" Featured Display

IP65 Stainless PCAP

Custom configuration



P-Cap



DVI-D

PCAP
Touchscreen



Application



Automotive Part Manufacturing Plant

"RESISTS ANY SUBSTANCE WITH ROBUST STAINLESS DESIGN."

Winmate's IP65 Stainless Steel Displays were used in an automobile parts manufacturing facility where the corrosion resistant housing is able to withstand the chemicals used.

“**DURABLE IN ALL HARSH ENVIRONMENTS.**”

- 10.4"~21.5" screen with PCAP touchscreen
- Stainless housing SUS316
- Full IP65

Stainless steel housing SUS316

Waterproof connectors VGA, Power, USB for touch

OSD control 5 keys

VESA mount

Full IP65

Operating temperature -10°C to 55°C

Accessories

Quick Start Guide

R-Series AD Board Manual

Power Cord

AC Adapter

VGA Cable

USB Cable for Touch

VESA Screws

Featured Display

IP65 Stainless PCAP



Model Name	10.4"	15"	17"	19"	21.5" (16:9)
	R10L100-SPT2	R15L100-SPC3	R17L100-SPM1	R19L100-SPM1	W22L100-SPA3
Display					
Resolution	1024 x 768	1024 x 768	1280 x 1024	1280 x 1024	1920 x 1080
Panel Brightness	350 nits	250 nits	350 nits	250 nits	250 nits
Contrast Ratio	1000:1 (Typ.)	700 : 1 (Typ.)	1000:1 (Typ.)	1000:1 (Typ.)	3000:1 (Typ.)
Active Area	210.4 x 157.8	304.1 x 228.1	337.92 x 270.34	376.32 x 301.06	476.64 x 268.11
Viewing Angle	-88~88 (H); -88~88 (V)	-88~88 (H); -88~88 (V)	-85~85 (H); -80~80 (V)	-85~85 (H); -80~80 (V)	-89~89 (H); -89~89 (V)
Pixel Pitch	0.0685 (H) x 0.2055 (V)	0.297 (H) x 0.297 (V)	0.264 (H) x 0.264 (V)	0.294 (H) x 0.294 (V)	0.248 (H) x 0.248 (V)
Display Color	16.2M	16.2M	16.7M	16.7M	16.7M
Touch	PCAP touchscreen	PCAP touchscreen	PCAP touchscreen	PCAP touchscreen	PCAP touchscreen
Connectors					
Video Input	1 x DVI-D (Optional) 1 x VGA 1 x USB for Touch	1 x DVI-D (Optional) 1 x VGA 1 x USB for Touch	1 x DVI-D (Optional) 1 x VGA 1 x USB for Touch	1 x DVI-D (Optional) 1 x VGA 1 x USB for Touch	1 x DVI-D (Optional) 1 x VGA 1 x USB for Touch
Mechanical					
Dimensions	289 x 246 x 49.9 mm	378 x 301 x 56.4 mm	412 x 344 x 61.3 mm	467.4 x 392 x 56.6 mm	541 x 337 x 53 mm
Mounting	VESA Mount (75 x 75 mm)	VESA Mount (100 x 100 mm)	VESA Mount (100 x 100 mm)	VESA Mount (100 x 100 mm)	VESA Mount (200 x 100 mm)
Environment					
Operating Temp.	-10°C to 55°C	-10°C to 55°C	-10°C to 55°C	-10°C to 55°C	-10°C to 55°C
Humidity	30% to 90% (Non-condensing, RH)	30% to 90% (Non-condensing, RH)	30% to 90% (Non-condensing, RH)	30% to 90% (Non-condensing, RH)	30% to 90% (Non-condensing, RH)
IP Proof	Full IP65	Full IP65	Full IP65	Full IP65	Full IP65
Power					
Power Input	12V DC	12V DC	12V DC	12V DC	12V DC
Power Consumption	26W	30W	31W	36W	50W
Certifications					
Safety	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC

8.4"~42" Featured Display IP65 Stainless Resistive

Custom configuration



Housing



Resistive
Touchscreen



PCAP
Touchscreen



Optical
Bonding



“ **WATERPROOF AND
CORROSION RESISTANT.** ”

- 8.4"~42" screen with resistive touchscreen
- Stainless housing SUS316
- Chassis, moisture prevention
- VESA mount

VGA video input

Touch interface RS232 or USB

OSD control 5 keys

Operating temperature 0°C to 50°C

Packaging Automation System

“IMPROVE PACKAGING
FLEXIBILITY.”

Information display at the
bottling water on the plant
make packaging machines
smarter.



Accessories

Power Cord

AC Adapter

Drive CD

VGA Cable 1.8m

Featured Display

IP65 Stainless Resistive Touch Display



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Power Input	Power Consumption	Resistive
8.4"	R08T200-65U1	170.4 x 127.8	800 x 600	600:1 (Typ.)	600 nits	-70~60 (H); -75~75 (V)	12V DC	25 W (Typ.)	*
15"	R15L600-65C3	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	250 nits	-88~88 (H); -88~88 (V)	12V DC	25 W (Typ.)	*
17"	R17L500-65A1	337.92 x 270.34	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85 (H); -80~80 (V)	12V DC	32 W (Typ.)	*
17"	R17L500-65M1	337.92 x 270.34	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85 (H); -80~80 (V)	12V DC	32 W (Typ.)	*
19"	R19L300-65M1	376.32 x 301.06	1280 x 1024	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	12V DC	27 W (Typ.)	*
21.5" (16:9)	W22L100-65A3	476.64 x 268.11	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	12V DC	50 W (Typ.)	*
24" (16:9)	W24L100-65A2	527.04 x 296.46	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	12V DC	50W (Typ.)	*
32" (16:9)	W32L300-65A3	698.4 x 392.85	1920 x 1080	3000:1 (Typ.)	400 nits	-89~89 (H); -89~89 (V)	24V DC	48 W (Typ.)	
42" (16:9)	W42L300-65A3	930.24 x 523.26	1920 x 1080	4000:1 (Typ.)	500 nits	-89~89 (H); -89~89 (V)	24V DC	105 W (Typ.)	



Full IP65 Moisture Prevention

Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Source	Power Consumption (Optional)	Resistive
15"	R15L600-65C3-1	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	250 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	25 W (Typ.)	*
17"	R17L500-65A1-1	337.92 x 270.34	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	32 W (Typ.)	*
19"	R19L300-65M1-1	376.32 x 301.06	1280 x 1024	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	Yes	12V DC	31 W (Typ.)	*



Flat Stainless Display

Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Capacitive
15"	R15L600-65A1FTP	304.128 x 228.096	1024 x 768	2000:1 (Typ.)	400 nits	-88~88 (H); -88~88 (V)	NO	12V DC	20 W (Typ.)	*

15"~21.5" Featured Display

Front IP65 Stainless

Custom configuration



Protection
Glass



DVI-D



S-Video



Composite



“ **DURABLE LCD SOLUTION.** ”

Application



Chemical Factory

“SCRATCH RESISTANT
SCREEN AND STAINLESS
HOUSING.”

Winmate's 15" Stainless Display with IP65 water and dust protection rating was installed in the HMI terminal of a chemical factory. Resistant to scratches screen combined with corrosion resistant housing for best vaccine production facilities.

- 15"~21.5" screen with resistive touchscreen
- Stainless housing SUS316
- Front IP65 rating

VGA, HDMI

USB/ RS232 for touch

OSD control 5 keys

VESA mount, panel mount

Front IP65 waterproof and dustproof

Operating temperature 0°C to 50°C

Accessories

Adapter

Power Cord

VGA Cable

HDMI Cable

Featured Display

Front IP65 Display



Size	Model Name	Active Display Area (mm)	Number of Pixels	Contrast Ratio	Panel Brightness (cd/m ²)	Viewing Angle (CR>=10)	Optional DVI Input	Resistive
15"	R15L100-STC3	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	250 nits	-88~88 (H); -88~88 (V)	Yes	*
17"	S17L500-STM1	337.92 x 270.336	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85 (H); -80~80 (V)	Yes	*
19"	R19L300-STM1	376.32 x 301.06	1280 x 1024	1000:1 (Typ.)	250 nits	-85~85 (H); -80~80 (V)	Yes	*
21.5" (16:9)	W22L100-STA3	476.64 x 268.11	1920 x 1080	3000:1 (Typ.)	250 nits	-89~89 (H); -89~89 (V)	Yes	*

19"~23.8" Featured Display

G-WIN GC Series

NEW



Application



Restaurant Counter

"FAITHFUL REPRESENTATION OF IMAGES AND VIDEO."

Cost-effective solution and brilliant readability for versatile point-of-sale (POS) and smart retail scenarios. 21.5" GC-Series display in sleek design found its application inside the counter in the restaurant chain in Europe.

“ COST-EFFECTIVE SOLUTION WITH NO COMPROMISE ON PERFORMANCE. ”

- 19"~23.8" screen with PCAP touchscreen
- VESA mount (stand-alone), panel mount
- Standard I/O connectors

VGA, HDMI video input

OSD control 5 keys

VESA mount, panel mount

Front IP65 waterproof and dustproof

Operating temperature 0°C to 50°C

Accessories

Adapter

Power Cord

HDMI Cable

VGA Cable

USB Cable for Touch

Featured Display

G-WIN GC Series



Model Name	19"	21.5" (16:9)	23.8" (16:9)
	R19L100-GCM1	W22L100-GCA3	W24L100-GCA2
Display			
Resolution	1280 x 1024	1920 x 1080	1920 x 1080
Panel Brightness	250	250	250
Contrast Ratio	1000	3000	3000
Active Area	376.32 x 301.06	476.64 x 268.11	527.04 x 296.46
Viewing Angle	-85~85 (H); -80~80 (V)	-89~89 (H); -89~89 (V)	-89~89 (H); -89~89 (V)
Touch	USB	USB	USB
Connectors			
Connectors	1 X USB for Touch 1 X HDMI 1 X VGA	1 X USB for Touch 1 X HDMI 1 X VGA	1 X USB for Touch 1 X HDMI 1 X VGA
Mechanical			
Dimensions	444 x 368 x 51 mm	529 x 320.4 x 51 mm	587 x 356 x 55 mm
Mouting	VESA Mount (100 x 100 mm), Panel Mount	VESA Mount (100 x 100 mm), Panel Mount	VESA Mount (100 x 100 mm), Panel Mount
Environment			
Operating Temp.	0 °C to 50 °C	0 °C to 50 °C	0 °C to 50 °C
Storage Temp.	-10 °C to 60 °C	-10 °C to 60 °C	-10 °C to 60 °C
Humidity	10% to 90% (Non-condensing, RH)	10% to 90% (Non-condensing, RH)	10% to 90% (Non-condensing, RH)
IP Proof	Front IP65	Front IP65	Front IP65
Power			
Power Input	12V DC	12V DC	12V DC
Power Consumption	15W	20W	25W
Certifications			
EMC	CE, FCC	CE, FCC	CE, FCC

7"~15" Featured Display

G-WIN GS Series

Custom configuration



Protection
Glass



“ **TOUGH. RUGGED.
HEAVY DUTY.** ”

- 7"~15" screen with PCAP touchscreen
- Aluminum housing
- Full IP65, waterproof I/O connectors

VGA video input

USB for touch

OSD control 5 keys

M12 waterproof connectors

VESA mount, panel mount

IP65 waterproof and dustproof

MIL-STD-810F/G shock, vibration resistance

Operating temperature -15°C to 55°C

Accessories

Adapter

M12 Power Cord

VGA Cable

USB Cable for Touch

Application



Wood Harvester

“FOR DEMANDING
LOGGING CONDITIONS.”

Winmate 7-inch GS
SeriesDisplay was installed
inside a wood harvester.

Heavyduty panel PC
designedfor demanding
conditionssurvives both
water drops andtemperature
changes.

Featured Display

G-WIN GS Series Display



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input (CR>=10)	Power Input (M12 Type)	Capacitive
7" (16:9)	W07L100-GSO1	153.6 x 90	1024 x 600	700:1 (Typ.)	1000 nits	-75~75 (H); -70~75 (V)	• VGA • USB for touch	12V DC (M12 Type Connector)	*
7" (16:10)	W07L100-GST1	153.6 x 90	1024 x 600	500:1 (Typ.)	320 nits	-75~75 (H); -70~75 (V)	• VGA • USB for touch	12V DC (M12 Type Connector)	*
10.1" (16:10)	W10L100-GSH2	216.96 x 135.6	1280 x 800	800:1 (Typ.)	350 nits	-85~85 (H); -85~85 (V)	• VGA • USB for touch	12V DC (M12 Type Connector)	*
10.1"	W10L100-GSH1	222.72 x 125.28	1024 x 600	800:1 (typ.)	450 nits	-75~80 (H); -80~80 (V)	• VGA • USB for touch	9~36V DC (M12 Type Connector)	*
10.4"	R10L100-GST2	210.4 x 157.8	1024 x 768	1000:1 (Typ.)	350 nits	-88~88 (H); -88~88 (V)	• VGA • USB for touch	9~36V DC (M12 Type Connector)	*
12.1"	R12L100-GSM2(HB)	245.76 x 184.32	1024 x 768	700:1 (Typ.)	500 nits	-80~80 (H); -70~70 (V)	• VGA • USB for touch	9~36V DC (M12 Type Connector)	*
15"	R15L600-GSC3(HB)	304.1 x 228.1	1024 x 768	700:1 (Typ.)	2000 nits	-80~80 (H); -70~70 (V)	• VGA • USB for touch	9~36V DC (M12 Type Connector)	*

8.4"~19" Featured Display

G-WIN VM Series

Custom configuration



DVI-D



S-Video



Composite



HDMI



RS232
For Touch



USB
For Touch



Resistive
Touchscreen



DC Lockable
Input



**“ WIDE TEMPERATURE FOR
EXTREME WEATHER. ”**

Application



Military Vehicle Navigation Display

“EASY-TO-READ,
EASY-TO-USE.”

15-inch G-WIN display now is a part of navigation and information system for force vehicles.

- 8.4"~19" screen
- Anti-corrosion housing
- VESA mount

VGA video input

USB/ RS232 for touch

OSD control panel

VESA mount, yoke mount

IP65 waterproof and dustproof

MIL-STD-810F/G shock, vibration resistance

Operating temperature -10°C to 55°C

Accessories

Power Cord

AC Adapter

Drive CD

VGA Cable 1.8m

Mounting Bracket

Featured Display

G-WIN VM Series



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR \geq 10)	Touch
8.4"	R08T200-VMU1	170.4 x 127.8	800 x 600	600:1 (Typ.)	600 nits	-75~75 (H); -70~60 (V)	5 Wire Resistive
10.4"	R10L100-VMT2	210.4 x 157.8	1024 x 768	1000:1 (Typ.)	350 nits	-88~88 (H); -88~88 (V)	5 Wire Resistive
12.1" (16:10)	W12L100-VMM9	261.12 x 163.2	1280 x 800	1000:1 (Typ.)	400 nits	-88~88 (H); -88~88 (V)	5 Wire Resistive
15"	R15L100-VMC3(HB)	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	1000 nits	-88~88 (H); -88~88 (V)	5 Wire Resistive
19"	R19L100-67FTP	376.32 x 301.06	1280 x 1024	1000:1 (Typ.)	400 nits	-85~85 (H); -80~80 (V)	Projected Capacitive

15"/ 19" Featured Display

IP67 Aluminum

Custom configuration



Housing



Resistive
Touchscreen



AR Glass



High Panel
Brightness



HDMI



RS232
For Touch



**“ RUGGED. WATERPROOF.
DUSTPROOF. ”**

Application



Train Operator Navigation

“VIBRATION RESISTANCE
AND VIBRANT COLORS”

Vibration resistant Winmate
19-inch aluminum display
helps train operator to
navigate the way even when
temperature goes far below
zero degrees.

- 15"/ 19" screen
- Aluminum housing
- VESA mount

VGA video input

Touch interface USB

Front OSD control

Wide range input power 9~36V DC

Extended operating temperature

Accessories

Power Cord

AC Adapter

Drive CD

VGA Cable 1.8m

Featured Display

IP67 Aluminum Display



Model Name	15"	19"
	R15L100-67C3(HB)	R19L100-67FTP
Display		
Resolution	1024 x 768	1280 x 1024
Panel Brightness	300 nits/ 1000 nits (Optional)	400 nits/ 1000 nits (Optional)
Contrast Ratio	2000:1 (Typ.)	1000:1 (Typ.)
Active Area	304.1 x 228.1	376.32 x 301.06
Viewing Angle	-88~88 (H); -88~88 (V)	-85~85 (H); -80~80 (V)
Touch	5-wire Resistive	PCAP touch
Connectors		
VGA	1 x IP67 VGA	1 x IP67 VGA
HDMI	1 x IP67 HDMI (Optional)	1 x IP67 HDMI (Optional)
DVI	1 x IP67 DVI (Optional)	1 x IP67 DVI (Optional)
Power	1 x IP67 DC 9~36V	1 x IP67 DC 9~36V
RS232/ USB	1 x IP67 RS232 remote control	1 x IP67 RS232 remote control
USB	1 x IP67 USB for touch	1 x IP67 USB for touch
Mechanical		
Dimensions	398 x 308 x 58 mm	474 x 410 x 111 mm
Mouting	One robust bracket with locking handle (Can adjust from -5° to 90°)	One robust bracket with locking handle (Can adjust from -5° to 90°)
Environment		
Shock	MIL-STD-810G Method 516.6	MIL-STD-810G Method 516.6
Vibration	MIL-STD-810G Method 514.6	MIL-STD-810G Method 514.6
Power		
Power Input	9~36V DC	9~36V DC
Certifications		
Certifications	CE, FCC Class B MIL810G for Vibration /Shock	CE, FCC MIL810G for Vibration /Shock

7"~18.5" Featured Display

USB Type-C

Custom configuration



P-Cap

PCAP
Touchscreen



Audio and
Speaker



Housing



High Panel
Brightness



“**SINGLE CABLE SOLUTION.**”

- 7"~18.5" screen
- USB Type-C port
- Stand-alone and open frame housing

USB Type-C connector for power, touch, video input

USB 5V/3A power delivery

P-Cap multi-touch

OSD control 5 keys

Operating temperature 0°C to 50°C

Application



Truck Cabin

“SAVING CABLING SPACE
WITH SINGLE CABLE”

The USB Type-C display
connected to the EAC Mini-C
IoT gateway is installed in a
vehicle cabin .

Accessories

User Manual

USB Type-C Cable

Featured Display

USB Type-C
Open Frame



Model Name	7" (17:10)	10.1" (16:10)	10.4"	12.1"	15"
	W07L100-POT1-C	W10L100-POH2-C	R10L100-POT2-C	R12L100-POM2-C	R15L600-POC3-C
Display					
Resolution	1024 x 600	1280 x 800	1024 x 768	1024 x 768	1024 x 768
Panel Brightness	320 nits	350 nits	350 nits	500 nits	250 nits
Contrast Ratio	500:1 (Typ.)	800:1 (Typ.)	1000:1 (Typ.)	700:1 (Typ.)	2000:1 (Typ.)
Active Area	153.6 x 90	216.96 x 135.6	210.4 x 157.8	245.76 x 184.32	304.1 x 228.1
Viewing Angle	-75~75 (H) ; -75~75 (V)	-85~85 (H) ; -85~85 (V)	-88~88 (H) ; -88~88 (V)	-80~80 (H) ; -70~70 (V)	-88~88 (H) ; -88~88 (V)
Display Color	16.7M	16.7M	16.2M	16.2M	16.2M
Touch	Projected capacitive (Default), Protection glass, no touch (Optional)	Projected capacitive (Default), Protection glass, no touch (Optional)	Projected capacitive (Default), Protection glass, no touch (Optional)	Projected capacitive (Default), Protection glass, no touch (Optional)	Projected capacitive (Default), Protection glass, no touch (Optional)
Connectors					
Video Input	1 x USB Type-C connector	1 x USB Type-C connector	1 x USB Type-C connector	1 x USB Type-C connector	1 x USB Type-C connector
User Controls					
Control Buttons	5 Keys: -, +, Power, Esc, Enter	5 Keys: -, +, Power, Esc, Enter	5 Keys: -, +, Power, Esc, Enter	5 Keys: -, +, Power, Esc, Enter	5 Keys: -, +, Power, Esc, Enter
Audio					
Audio	2 x Speaker (Optional)	2 x Speaker (Optional)	2 x Speaker (Optional)	2 x Speaker (Optional)	2 x Speaker (Optional)
Environment					
Operating Temp.	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C
Storage Temp.	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C
Power					
Power Input	USB Type-C Alt mode (5V/3A)	USB Type-C Alt mode (5V/3A)	USB Type-C Alt mode (5V/3A)	USB Type-C Alt mode (5V/3A)	USB Type-C Alt mode (5V/3A)
Power Consumption	6W (Typ.)	10W (Typ.)	9W (Typ.)	12W (Typ.)	12W (Typ.)
Certifications					
Safety	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC

Featured Display

USB Type-C
Stand-Alone



Model Name	7" (16:10)	7" (16:10)	10.1" (16:10)	10.1" (16:9)	10.4"
	W07L100-GCT1-C	W07L100-GCO1(HB)-C	W10L100-GCH2-C	W10L100-GCH1(HB)-C	R10L100-GCT2-C
Display					
Resolution	1024 x 600	1024 x 600	1280 x 800	1024 x 600	1024 x 768
Panel Brightness	320 nits	1000 nits	350 nits	800 nits	350 nits
Contrast Ratio	500:1 (Typ.)	700:1 (Typ.)	800:1 (Typ.)	800:1 (Typ.)	1000:1 (Typ.)
Active Area	153.6 x 90	153.6 x 90	216.96 x 135.6	222.72 x 125.28	210.4 x 157.8
Viewing Angle	-75~75 (H) ; -70~75 (V)	-75~75 (H) ; -75~70 (V)	-85~85 (H) ; -85~85 (V)	-80~80 (H) ; -80~75 (V)	-88~88 (H) ; -88~88 (V)
Display Color	16.7M	16.7M	16.7M	16.7M	16.2M
Touch	Projected capacitive (Default), Protection glass, no touch (Optional)	Projected capacitive (Default), Protection glass, no touch (Optional)	Projected capacitive (Default), Protection glass, no touch (Optional)	Projected capacitive (Default), Protection glass, no touch (Optional)	Projected capacitive (Default), Protection glass, no touch (Optional)
Connectors					
Video Input	1 x USB Type-C connector	1 x USB Type-C connector	1 x USB Type-C connector	1 x USB Type-C connector	1 x USB Type-C connector
User Controls					
Control Buttons	5 Keys: -, +, Power, Esc, Enter	5 Keys: -, +, Power, Esc, Enter	5 Keys: -, +, Power, Esc, Enter	5 Keys: -, +, Power, Esc, Enter	5 Keys: -, +, Power, Esc, Enter
Audio					
Audio	1 x 1W Speaker (Optional)	1 x Speaker (Optional)	1 x Speaker (Optional)	1 x Speaker (Optional)	1 x Speaker (Optional)
Environment					
Operating Temp.	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C
Storage Temp.	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C
IP Rating	Front IP65	Front IP65	Front IP65	Front IP65	Front IP65
Power					
Power Input	USB Type-C Alt mode (5V/3A)	USB Type-C Alt mode (5V/3A)	USB Type-C Alt mode (5V/3A)	USB Type-C Alt mode (5V/3A)	USB Type-C Alt mode (5V/3A)
Power Consumption	6W (Typ.)	9W (Typ.)	8W (Typ.)	13W (Typ.)	10W (Typ.)
Certifications					
Safety	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC

Featured Display

USB Type-C
Stand-Alone



Model Name	12.1"	15"	15"	15.6" (16:9)	18.5" (16:9)
	R12L100-GCM2-C	R15L100-PTC3-C	R15L600-GCC3-C	W15L100-PTA3-C	W18L100-PTA1-C
Display					
Resolution	1024 x 768	1024 x 768	1024 x 768	1920 x 1080	1366 x 768
Panel Brightness	500 nits	250 nits	250 nits	300 nits	250 nits
Contrast Ratio	700:1 (Typ.)	700:1 (Typ.)	2000:1 (Typ.)	800:1 (Typ.)	1000:1 (Typ.)
Active Area	245.76 x 184.32	304.128 x 228.096	304.1 x 228.1	344.16 x 193.59	409.8 x 230.4
Viewing Angle	-80~80 (H) ; -70~70 (V)	-80~80 (H) ; -80~80 (V)	-88~88 (H) ; -88~88 (V)	-85~85 (H) ; -85~85 (V)	-85~85 (H) ; -80~80 (V)
Display Color	16.2M	16.2M	16.2M	16.2M	16.7M
Touch	Projected capacitive (Default), Protection glass, no touch (Optional)	Projected capacitive (Default), Protection glass, no touch (Optional)	Projected capacitive (Default), Protection glass, no touch (Optional)	Projected capacitive (Default), Protection glass, no touch (Optional)	Projected capacitive (Default), Protection glass, no touch (Optional)
Connectors					
Video Input	1 x USB Type-C	1 x USB Type-C	1 x USB Type-C	1 x USB Type-C	1 x USB Type-C
Power Jack	-	-	-	-	1 x Power Jack
User Controls					
Buttons	5 Keys OSD Control	7 Keys OSD Control	5 Keys OSD Control	7 Keys OSD Control	5 Keys OSD Control
Audio					
Audio	2 x 1W Speaker (Optional)	2 x 1W Speaker (Optional)	2 x 1W Speaker (Optional)	2 x 1W Speaker (Optional)	2 x 1W Speaker (Optional)
Environment					
Operating Temp.	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C
Storage Temp.	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C
IP Rating	Front IP65	Front IP65	Front IP65	Front IP65	Front IP65
Power					
Power Source	USB Type-C Alt mode (5V/3A)	USB Type-C Alt mode (5V/3A)	USB Type-C Alt mode (5V/3A)	USB Type-C Alt mode (5V/3A)	USB Type-C Alt mode (5V/3A)
Power Consumption	12W (Typ.)	12W (Typ.)	12W (Typ.)	13W (Typ.)	30W (Typ.)
Certifications					
Safety	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC

10.1"~15.6" Featured Display PoE Series

Custom configuration



PCAP
Touchscreen



Audio and
Speaker



“

**FAST INSTALLATION
WITHOUT ADDITIONAL
ELECTRICAL WIRING.**

”

- 10.1" ~15.6" screen
- Power over Ethernet (PoE)
- Chassis housing

Power over Ethernet (PoE) IEEE 802.3at (25W)

VGA, HDMI video input

Projected capacitive multi-touch

OSD control 5 keys

Operating temperature 0°C to 50°C

Application



Lobby Digital Signage

“CONVIENIENT ETHERNET
INSTALLATION.”

The PoE Touch Monitor was installed as a digital signage in an office lobby. The PoE function allowed it to be installed high up on a wall without needing additional wiring costs.

Accessories

User Manual

VGA Cable

HDMI Cable

Featured Display

PoE Series



Model Name	10.1" (16:10)	10.1" (16:10)	10.4"	12.1"	15"	15.6" (16:9)
	W10L100-PCH1-PoE	W10L100-PCH2-PoE	R10L100-PCT2-PoE	R12L100-PCM2-PoE	R15L100-PTC3-PoE	W15L100-PTA3-PoE
Display						
Resolution	1024 x 600	1280 x 800	1024 x 768	1024 x 768	1024 x 768	1920 x 1080
Panel Brightness	450 nits	350 nits	350 nits	500 nits	300 nits	300 nits
Contrast Ratio	800:1 (Typ.)	800:1 (Typ.)	1000:1 (Typ.)	700:1 (Typ.)	700:1 (Typ.)	700:1 (Typ.)
Viewing Angle	-75~80 (H); -80~80 (V)	-85~85 (H); -85~85 (V)	-88~88 (H); -88~88 (V)	-80~80 (H); -70~70 (V)	-80~80 (H); -80~80 (V)	-85~85 (H); -85~85 (V)
Display Color	16.7M	16.7M	16.2M	16.2M	16.2 M	16.2 M
Touch	Projected capacitive, Protective glass (Optional)	Projected capacitive, Protective glass (Optional)	Projected capacitive, Protective glass (Optional)	Projected capacitive, Protective glass (Optional)	Projected capacitive, Protective glass (Optional)	Projected capacitive, Protective glass (Optional)
Touch Interface	USB	USB	USB	USB	USB	USB
Power						
Power Device (PD)	follows IEEE 802.3at (25W)	follows IEEE 802.3at (25W)	follows IEEE 802.3at (25W)	follows IEEE 802.3at (25W)	follows IEEE 802.3at (25W)	follows IEEE 802.3at (25W)
Power Consumption	10W typical, normal operation	10W typical, normal operation	10W typical, normal operation	12W typical, normal operation	15W typical, normal operation	10W typical, normal operation
Power Input	PoE, Power Device (PD) follows IEEE 802.3at (25 W), IEEE 802.3af (15 W)	PoE, Power Device (PD) follows IEEE 802.3at (25 W), IEEE 802.3af (15 W)	PoE, Power Device (PD) follows IEEE 802.3at (25 W), IEEE 802.3af (15 W)	PoE, Power Device (PD) follows IEEE 802.3at (25 W), IEEE 802.3af (15 W)	PoE, Power Device (PD) follows IEEE 802.3at (25 W), IEEE 802.3af (15 W)	PoE, Power Device (PD) follows IEEE 802.3at (25 W), IEEE 802.3af (15 W)
Audio						
Speaker	1 x Speaker (Optional)	1 x Speaker (Optional)	1 x Speaker (Optional)	2 x 1 Watt speakers (Optional)	2 x 1 Watt speaker (Optional)	2 x 1 Watt speaker (Optional)
Connectors						
Video Input	Standard: 1 x VGA (D-sub 15), 1 x HDMI (Type-A)	Standard: 1 x VGA (D-sub 15), 1 x HDMI (Type-A)	Standard: 1 x VGA (D-sub 15), 1 x HDMI (Type-A)	Standard: 1 x VGA (D-sub 15), 1 x HDMI (Type-A)	Standard: 1 x VGA (D-sub 15), 1 x HDMI (Type-A)	Standard: 1 x VGA (D-sub 15), 1 x HDMI (Type-A)
User Controls						
OSD User Controls	5 Keys: -, +, Power, Esc, Enter	5 Keys: -, +, Power, Esc, Enter	5 Keys: -, +, Power, Esc, Enter	5 Keys: -, +, Power, Esc, Enter	5 Keys: -, +, Power, Esc, Enter	5 Keys: -, +, Power, Esc, Enter
Environment						
Operating Temp.	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C	0°C to 50°C
Storage Temp.	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C
IP Rating	Front IP65	Front IP65	Front IP65	Front IP65	Front IP65	Front IP65
Certifications						
Safety	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC	CE, FCC

10.1"~32" Featured Display

SDI Series

Custom configuration



PCAP
Touchscreen



Application



Surveillance Control Room

“CONNECT TO MULTIPLE PRO CAMERAS.”

SDI input and output provide rugged locking connection and long distance data transmission for our Surveillance application.

“ **LONG DISTANCE DATA TRANSMISSION.** ”

- 10.1"~32" screen
- 3G SDI input and output (Loop out)
- Chassis housing

3G-SDI input, 3G SDI output

Two CVBS (BNC)

VGA, HDMI video input

Projected capacitive multitouch

OSD control 5 keys

VESA mount

Operating temperature 0°C to 50°C

Accessories

User Manual

VGA Cable

HDMI Cable

Featured Display

SDI Series



Model Name	10.1" (16:10)	15"	19"	21.5 (16:9)	32" (16:9)
	W10L100-SDH2	R15L100-SDA3	R19L300-SDA1	W22L100-SDA3	W32L100-SDA3
Display					
Resolution	1280 x 800	1024 x 768	1280 x 1024	1920 x 1080	1920 x 1080
Panel Brightness	300 nits	550 nits	400 nits	250 nits	250 nits
Contrast Ratio	800:1 (Typ.)	700:1 (Typ.)	1000:1 (Typ.)	3000:1 (Typ.)	3000:1 (Typ.)
Active Display Area (mm)	216.69 x 135.6	304.1 x 228.1	376.32x301.06	476.62 x 268.11	698.4 x 392.85
Viewing Angle	-80~80 (H); -70~70 (V)	-80~80 (H); -70~70 (V)	-85~85 (H); -80~80 (V)	-89~89 (H); -89~89 (V)	-89~89 (H); -89~89 (V)
Display Color	16.7M	16.7M	16.7M	16.7M	16.7M
Touch	Projected capacitive	Projected capacitive	Projected capacitive	Projected capacitive	Projected capacitive
Power					
Power Input	12V DC	12V DC	12V DC	12V DC	24V DC
Power Consumption	15W	20W	27W	30W	45W
Connectors					
Signal Connector	1 x HDMI 1.3 1 x VGA 2 x CVBS (BNC) 1 x 3G-SDI in 1 x 3G-SDI out (Loop out)	1 x HDMI 1.3 1 x VGA 2 x CVBS (BNC) 1 x 3G-SDI in 1 x 3G-SDI out (Loop out)	1 x HDMI 1.3 1 x VGA 2 x CVBS (BNC) 1 x 3G-SDI in 1 x 3G-SDI out (Loop out)	1 x HDMI 1.3 1 x VGA 2 x CVBS (BNC) 1 x 3G-SDI in 1 x 3G-SDI out (Loop out)	1 x HDMI 1.3 1 x VGA 2 x CVBS (BNC) 1 x 3G-SDI in 1 x 3G-SDI out (Loop out)

5.7"~42" Featured Display

High Brightness

Custom configuration



Housing



Resistive
Touchscreen



SAW
Touchscreen



DVI-D



S-Video



Composite



Audio and
Speaker

Application



Self Service Post Terminal

"CRISP AND CLEAR SCREEN."

High brightness screen emits more light compare to commercial-grade screens, which means more luminance and contrast. Ideal for use in outdoor environment.



“ **VISIBILITY AND BEATING THE SUN.** ”

- 5.7"~42" screen
- Chassis, open frame, panel mount, front IP65
- Sunlight readable screen

VGA, HDMI video input

Touch interface USB/RS232

Chassis, open frame, panel mount, front IP65

OSD control 5 keys

Supports VESA mount

Operating temperature 0°C to 50°C

Accessories

Power Cord

AC Adapter

Drive CD

VGA Cable 1.8m

HDMI Cable 2m

Featured Display

High Brightness

Open Frame



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
5.7"	R05T100-OFD1(HB)	115.2 x 86.4	640 x 480	300:1 (Typ.)	900 nits	-70~70(H); -40~60(V)	No	12V DC	15 W (Typ.)	*
7" (16:10)	W07T700-OFO1(HB)	153.6 x 90.0	1024 x 600	700:1 (Typ.)	1000 nits	-75~75(H); -75~70(V)	No	12V DC	8 W (Typ.)	*
8.4"	R08T200-OFT1(HB)	170.4 x 127.8	800 x 600	600:1 (Typ.)	1000 nits	-80~80(H); -60~80(V)	Yes	12V DC	15 W (Typ.)	*
10.1" (16:10)	W10L100-OFH1(HB)	222.72 x 125.28	1024 x 600	800:1 (Typ.)	800 nits	-80~80(H); -80~75(V)	Yes	12V DC	7 W (Typ.)	*
10.4"	R10L600-OPF1(HB)	211.2 x 158.4	800 x 600	400:1 (Typ.)	1000 nits	-70~70(H); -70~60(V)	Yes	12V DC	15 W (Typ.)	*
10.4"	R10L100-OFT2(HB)	210.4 x 157.8	1024 x 768	1200:1 (Typ.)	1000 nits	-88~88(H); -88~88(V)	Yes	12V DC	15 W (Typ.)	*
12.1"	R12T600-OFL1(HB)	246.0 x 184.5	800 x 600	700:1 (Typ.)	1000 nits	-80~80(H); -75~65(V)	Yes	12V DC	15 W (Typ.)	*
12.1" (16:10)	W12L100-OFM9(HB)	261.12 x 163.2	1280 x 800	1000:1 (Typ.)	1000 nits	-88~88(H); -88~88(V)	Yes	12V DC	20 W (Typ.)	*
12.1"	R12L600-OFM2(HB)	245.76 x 184.32	1024 x 768	700:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	20 W (Typ.)	*
15"	R15L100-OFC3(HB)	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	1000 nits	-88~88(H); -88~88(V)	Yes	12V DC	22 W (Typ.)	*
15.6" (16:9)	W15L100-OFA2(HB)	344.2 x 193.5	1366 x 768	500:1 (Typ.)	1300 nits	-85~85(H); -80~80(V)	Yes	12V DC	25 W (Typ.)	*
17"	S17L500-OFA1(HB)	337.9 x 270.3	1280 x 1024	1000:1 (Typ.)	1000 nits	-85~85(H); -80~80(V)	Yes	12V DC	31 W (Typ.)	*
18.5" (16:9)	W18L100-OFA2(HB)	409.8 x 230.4	1366 x 768	1000:1 (Typ.)	1000 nits	-85~85(H); -80~80(V)	Yes	12V DC	36 W (Typ.)	*
19"	R19L300-OFA1(HB)	376.32 x 301.06	1280 x 1024	1000:1 (Typ.)	1000 nits	-85~85(H); -80~80(V)	Yes	12V DC	31 W (Typ.)	*
21.5" (16:9)	W22L100-OFA3(HB)	476.64 x 268.11	1920 x 1080	5000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	50 W (Typ.)	*
22" (16:10)	W22L100-OFM1(HB)	473.76 x 296.1	1680 x 1050	1000:1 (Typ.)	1000 nits	-80~80(H); -80~80(V)	Yes	12V DC	60 W (Typ.)	*
24" (16:9)	W24L100-OFA2(HB)	527.04 x 296.46	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	65W (Typ.)	*
27" (16:9)	W27L100-OFA1(HB)	597.6 x 336.15	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	70W (Typ.)	*
32" (16:9)	W32L100-OFA3(HB)	698.4 x 392.85	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	75W (Typ.)	*



Chassis

Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
15"	R15L100-CHC3(HB)	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	1000 nits	-88~88(H); -88~88(V)	Yes	12V DC	22 W typical, normal operation	*
17"	R17L500-CHA1(HB)	337.92 x 270.34	1280 x 1024	1000:1 (Typ.)	1000 nits	-85~85(H); -80~80(V)	Yes	12V DC	45 W typical, normal operation	*
19"	R19L300-CHA1(HB)	376.3 x 301.1	1280 x 1024	1000:1 (Typ.)	1000 nits	-85~85(H); -80~80(V)	Yes	12V DC	32 W typical, normal operation	*
21.5" (16:9)	W22L100-CHA3(HB)	476.64 x 268.11	1920 x 1080	5000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	50 W typical, normal operation	*
42" (16:9)	W42L100-OML2(HB)	930.24 x 523.26	1920 x 1080	4000:1 (Typ.)	700 nits	-89~89(H); -89~89(V)		100~240V AC	110 W typical, normal operation	*

High Brightness Display



Panel Mount

Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
5.7"	R05T100-PMD1(HB)	115.2 x 86.4	640 x 480	300:1 (Typ.)	900 nits	-70~70(H); -40~60(V)	No	12V DC	15 W (Typ.)	*
8.4"	R08T200-PMT1(HB)	170.4 x 127.8	800 x 600	600:1 (Typ.)	1000 nits	-80~80(H); -60~80(V)	Yes	12V DC	15 W (Typ.)	*
10.1"(16:10)	W10L100-PMH1(HB)	222.72 x 125.28	1024 x 600	800:1 (Typ.)	800 nits	-70~70(H); -60~50(V)	Yes	12V DC	7 W (Typ.)	*
10.4"	R10L600-PMP1(HB)	211.2 x 158.4	800 x 600	400:1 (Typ.)	1000 nits	-70~70(H); -70~60(V)	Yes	12V DC	15 W (Typ.)	*
10.4"	R10L100-PMT2(HB)	210.4 x 157.8	1024 x 768	1200:1 (Typ.)	1000 nits	-88~88(H); -88~88(V)	Yes	12V DC	15 W (Typ.)	*
12.1"	R12T600-PML1(HB)	246.0 x 184.5	800 x 600	700:1 (Typ.)	1000 nits	-80~80(H); -75~65(V)	Yes	12V DC	15 W (Typ.)	*
12.1"	R12L600-PMM2(HB)	245.76 x 184.32	1024 x 768	700:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	20 W (Typ.)	*
15"	R15L100-PMC3(HB)	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	1000 nits	-88~88(H); -88~88(V)	Yes	12V DC	22 W (Typ.)	*
15.6"(16:9)	W15L100-PMA2(HB)	344.2 x 193.5	1366 x 768	500:1 (Typ.)	1300 nits	-85~85(H); -80~80(V)	Yes	12V DC	25 W (Typ.)	*
17"	S17L500-PMA1(HB)	337.9 x 270.3	1280 x 1024	1000:1 (Typ.)	1000 nits	-85~85(H); -80~80(V)	Yes	12V DC	32 W (Typ.)	*
19"	R19L300-PMA1(HB)	376.3 x 301.1	1280 x 1024	1000:1 (Typ.)	1000 nits	-85~85(H); -80~80(V)	Yes	12V DC	31 W (Typ.)	*
21.5"(16:9)	W22L100-PMA3(HB)	476.64 x 268.11	1920 x 1080	5000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	50 W (Typ.)	*
24"(16:9)	W24L100-PMA2(HB)	527.04 x 296.46	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	65W (Typ.)	
27"(16:9)	W27L100-PMA1(HB)	597.6 x 336.15	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	70W (Typ.)	
32"(16:9)	W32L100-PMA3(HB)	698.4 x 392.85	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	75W (Typ.)	



Front IP65

Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
7"(16:10)	W07T700-IPO1(HB)	153.6 x 90.0	1024 x 600	700:1 (Typ.)	1000 nits	-75~75(H); -75~70(V)	No	12V DC	8 W (Typ.)	*
8.4"	R08T200-IPT1(HB)	170.4 x 127.8	800 x 600	600:1 (Typ.)	1000 nits	-80~80(H); -60~80(V)	Yes	12V DC	10 W (Typ.)	*
10.4"	R10L600-IPP1(HB)	211.2 x 158.4	800 x 600	400:1 (Typ.)	1000 nits	-70~70(H); -70~60(V)	Yes	12V DC	15 W (Typ.)	*
10.4"	R10L100-IPT2(HB)	210.4 x 157.8	1024 x 768	1200:1 (Typ.)	1000 nits	-88~88(H); -88~88(V)	Yes	12V DC	15 W (Typ.)	*
12.1"	R12L600-IPM2(HB)	245.76 x 184.32	1024 x 768	700:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	17 W (Typ.)	*
15"	R15L100-IPC3(HB)	304.128 x 228.096	1024 x 768	2000:1 (Typ.)	700 nits	-80~80(H); -70~70(V)	Yes	12V DC	22 W (Typ.)	*
17"	S17L500-IPA1(HB)	337.9 x 270.3	1280 x 1024	1000:1 (Typ.)	1000 nits	-85~85(H); -80~80(V)	Yes	12V DC	32 W (Typ.)	*
19"	R19L300-IPA1(HB)	376.3 x 301.1	1280 x 1024	1000:1 (Typ.)	1000 nits	-85~85(H); -80~80(V)	Yes	12V DC	31 W (Typ.)	*
21.5"	W22L100-IPA3(HB)	476.64 x 268.11	1920 x 1080	5000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	50 W (Typ.)	*
24"(16:9)	W24L100-IPA2(HB)	527.04 x 296.46	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	65W (Typ.)	
27"(16:9)	W27L100-IPA1(HB)	597.6 x 336.15	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	70W (Typ.)	
32"(16:9)	W32L100-IPA3(HB)	698.4 x 392.85	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	75W (Typ.)	

High Brightness Display



PCAP Panel Mount

Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Capacitive
10.4"	R10L100-PPP1(HB)	211.2 x 158.4	800 x 600	400:1 (Typ.)	1000 nits	-70~70 (H); -70~60 (V)	Yes	12V DC	15 W (Typ.)	*
10.4"	R10L100-PPT2(HB)	210.4 x 157.8	1024 x 768	1200:1 (Typ.)	1000 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	15 W (Typ.)	*
15"	R15L600-PPC3(HB)	304.1 x 228.1	1024 x 768	2000:1 (Typ.)	1000 nits	-88~88 (H); -88~88 (V)	Yes	12V DC	25 W (Typ.)	*
15.6"(16:9)	W15L100-PPA2(HB)	344.232 x 193.536	1366 x 768	500:1 (Typ.)	1300 nits	-85~85(H); -80~80(V)	Yes	12V DC	25 W (Typ.)	*
19"	R19L300-PPA1(HB)	376.32 x 301.06	1280 x 1024	1000:1 (Typ.)	1000 nits	-85~85(H); -80~80(V)	Yes	12V DC	27 W (Typ.)	*
21.5"(16:9)	W22L100-PPA3(HB)	476.64 x 268.11	1920 x 1080	5000:1 (Typ.)	1000 nits	-89~89 (H); -89~89 (V)	Yes	12V DC	30 W (Typ.)	*
24"(16:9)	W24L100-PPA2(HB)	527.04 x 296.46	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	65W (Typ.)	*
27"(16:9)	W27L100-PPA1(HB)	597.6 x 336.15	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	70W (Typ.)	*
32"(16:9)	W32L100-PPA3(HB)	698.4 x 392.85	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	75W (Typ.)	*

7"~32" Featured Display Transflective

Custom configuration



Housing



Resistive
Touchscreen



SAW
Touchscreen



DVI-D



S-Video



Composite



Audio and
Speaker



“**LOW POWER CONSUMPTION.
SUNLIGHT READABLE SCREEN.**”

- 7"~32" screen
- Chassis, open frame, front IP65, Panel mount
- Lower power consumption

VGA, HDMI video input

Touch interface USB/RS232

Chassis, open frame, front IP65

OSD control 5 keys

Supports VESA mount

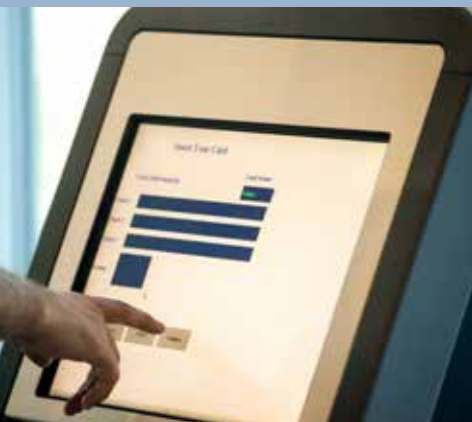
Operating temperature 0°C to 50°C

Parking Paying Terminal

“BRIGHTER BACKLIGHT
WITHOUT DRAWING
MORE POWER.”

The transflective display remains readable in bright light without requiring a specialized backlight. This reduces thermal issues and power consumption.

Application



Accessories

Power Cord

AC Adapter

Drive CD

VGA Cable 1.8m

HDMI Cable 2m

Featured Display

Transflective Display

Open Frame



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
7" (16:10)	W07T700-OFA4TR	152.40 x 91.44	800 x 480	1000:1 (Typ.)	500 nits	-80~80(H); -80~80(V)	No	12V DC	10 W (Typ.)	*
8.4"	R08L200-OFU1TR	170.4 x 127.8	800 x 600	600:1 (Typ.)	500 nits	-75~75(H); -60~70(V)	Yes	12V DC	10W (Typ.)	*
10.4"	R10L600-OPF1TR	211.2 x 158.4	800 x 600	400:1 (Typ.)	700 nits	-70~70(H); -70~60(V)	Yes	12V DC	13 W (Typ.)	*
12.1"	R12L600-OFM2TR	245.76 x 184.32	1024 x 768	700:1 (Typ.)	600 nits	-89~89(H); -89~89(V)	Yes	12V DC	20 W (Typ.)	*
15"	R15L100-OFA1TR	304.1 x 228.1	1024 x 768	700:1 (Typ.)	610 nits	-80~80(H); -70~70(V)	Yes	12V DC	31 W (Typ.)	*
17"	S17L500-OFA1TR	337.92 x 270.34	1280 x 1024	1000:1 (Typ.)	400 nits	-85~85(H); -80~80(V)	Yes	12V DC	32 W (Typ.)	*
21.5" (16:9)	W24L100-OFA3TR	476.64 x 286.11	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	50 W (Typ.)	*
24" (16:9)	W24L100-OFA2TR	527.04 x 296.46	1920 x 1080	3000:1 (Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	65W (Typ.)	*
32" (16:9)	W32L300-OFA3TR	698.40 x 392.85	1920 x 1080	3000:1 (Typ.)	430 nits	-89~89(H); -89~89(V)	Yes	24V DC	75 W (Typ.)	*



Chassis

Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
7" (16:10)	W07T700-CHA4TR	152.40 x 91.44	800 x 480	1000:1(Typ.)	500 nits	-80~80(H); -80~80(V)	No	12V DC	9 W (Typ.)	*
10.4"	R10L600-CHP1TR	211.2 x 158.4	800 x 600	400:1(Typ.)	700 nits	-70~70(H); -70~60(V)	Yes	12V DC	13 W (Typ.)	*
10.4"	R10L100-CHP3TR	211.2 x 158.4	640 x 480	700:1(Typ.)	540 nits	-80~80(H); -80~60(V)	Yes	12V DC	15 W (Typ.)	*
12.1"	R12L600-CHM2TR	245.76 x 184.32	1024 x 768	700:1(Typ.)	600 nits	-89~89(H); -89~89(V)	Yes	12V DC	20 W (Typ.)	*
15"	R15L100-CHA1TR	304.1 x 228.1	1024 x 768	700:1(Typ.)	610 nits	-80~80 (H); -70~70 (V)	Yes	12V DC	31 W (Typ.)	*
17"	R17L500-CHA1TR	337.92 x 270.34	1280 x 1024	1000:1(Typ.)	400 nits	-85~85(H); -80~80(V)	Yes	12V DC	32 W (Typ.)	*
21.5" (16:9)	W22L100-CHA3TR	476.64 x 286.11	1920 x 1080	3000:1(Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	50 W (Typ.)	*
24" (16:9)	W24L100-CHA2TR	527.04 x 296.46	1920 x 1080	3000:1(Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	65W (Typ.)	*
32" (16:9)	W32L100-CHA3TR	698.4 x 392.85	1920 x 1080	3000:1(Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	75 W (Typ.)	*



Front IP65

Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
15"	R15L100-IPA1TR	304.1 x 228.1	1024 x 768	700:1(Typ.)	610 nits	-80~80(H); -70~70(V)	Yes	12V DC	31 W (Typ.)	*
17"	S17L500-IPA1TR	337.92 x 270.34	1280 x 1024	1000:1(Typ.)	400 nits	-85~85(H); -80~80(V)	Yes	12V DC	32 W (Typ.)	*
21.5" (16:9)	W22L100-IPA3TR	476.64 x 286.11	1920 x 1080	3000:1(Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	50 W (Typ.)	*
24" (16:9)	W24L100-IPA2TR	527.04 x 296.46	1920 x 1080	3000:1(Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	65W (Typ.)	*
32" (16:9)	W32L100-IPA3-TR	698.4 x 392.85	1920 x 1080	3000:1(Typ.)	1000 nits	-89~89(H); -89~89(V)	Yes	12V DC	75 W (Typ.)	*

6.5"~19" Featured Display

Wide Temperature

Custom configuration



Housing



Resistive
Touchscreen



SAW
Touchscreen



DVI-D



S-Video



Composite



Audio and
Speaker



“

FOR EXTREME WEATHER.

”

- 6.5"~19" screen
- Rear mount, front IP65, panel mount
- Wide operating temperature -20°C to 60°C

VGA, HDMI video input

Touch interface USB/ RS232

Rear mount, front IP65

OSD control 5 key

Operating temperature -20°C to 60°C

ATM Machine

“RELIABLE SYSTEM
WITH EXTENDED
TEMPERATURE RANGE.”

With front IP65 water and dust protection our display was installed in an ATM machine located outdoors.



Accessories

Power Cord

Adapter

Drive CD

VGA Cable 1.8m

HDMI Cable 2m

Featured Display

Wide Temperature Display

Front IP65



Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
8.4"	R08T200-IPT1WT	170.4 x 127.8	800 x 600	600:1 (Typ.)	450 nits	-80~80(H); -60~80(V)	Yes	12V DC, with External AC-DC Adapter (100~240V)	15 W typical, normal operation	*
10.4"	R10L100-IPA1WT	211.2 x 158.4	800 x 600	700:1 (Typ.)	450 nits	-80~80(H); -70~60(V)	Yes	12V DC, with External AC-DC Adapter (100~240V)	18 W typical, normal operation	*
12.1"	R12L600-IPM2WT	245.76 x 184.32	1024 x 768	1000:1 (Typ.)	500 nits	-89~89(H); -89~89(V)	Yes	12V DC, with External AC-DC Adapter (100~240V)	20 W typical, normal operation	*
15"	R15L100-IPA3WT	304.1 x 228.1	1024 x 768	2500:1 (Typ.)	500 nits	-88~88(H); -88~88(V)	Yes	12V DC, with External AC-DC Adapter (100~240V)	23 W typical, normal operation	*
17"	S17L500-IPA1WT	337.92 x 270.336	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85(H); -80~80(V)	Yes	12V DC, with External AC-DC Adapter (100~240V)	35 W typical, normal operation	*
19"	R19L300-IPA3WT	376.3 x 301.1	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85(H); -80~80(V)	Yes	12V DC, with External AC-DC Adapter (100~240V)	40 W typical, normal operation	*



Rear Mount

Size	Model Name	Active Display Area (mm)	Resolution	Contrast Ratio	Panel Brightness	Viewing Angle (CR>=10)	Optional DVI Input	Power Input	Power Consumption	Resistive
6.5"	R06L200-RMA1WT	132.48 x 99.36	640 x 480	450:1 (Typ.)	400 nits	-80~80(H); -70~70(V)	No	12V DC, with External AC-DC Adapter (100~240V)	15 W typical, normal operation	
8.4"	R08T200-RMT1WT	170.4 x 127.8	800 x 600	600:1 (Typ.)	450 nits	-80~80(H); -60~80(V)	Yes	12V DC, with External AC-DC Adapter (100~240V)	15 W typical, normal operation	*
10.4"	R10L100-RMA1WT	211.2 x 158.4	800 x 600	700:1 (Typ.)	400 nits	-80~80(H); -70~60(V)	Yes	12V DC, with External AC-DC Adapter (100~240V)	18 W typical, normal operation	*
12.1"	R12L600-RMM2WT	245.76 x 184.32	1024 x 768	1000:1 (Typ.)	500 nits	-89~89(H); -89~89(V)	No	12V DC, with External AC-DC Adapter (100~240V)	20 W typical, normal operation	*
15"	R15L100-CHA3WT	304.1 x 228.1	1024 x 768	2500:1 (Typ.)	500 nits	-88~88(H); -88~88(V)	Yes	12V DC, with External AC-DC Adapter (100~240V)	23 W typical, normal operation	*
17"	R17L500-CHA1WT	337.9 x 270.3	1280 x 1024	1000:1 (Typ.)	350 nits	-85~85(H); -80~80(V)	Yes	12V DC, with External AC-DC Adapter (100~240V)	35 W typical, normal operation	*