



### Key Benefits

- ▶ 1920 x 1080 native Full HD resolution
- ▶ 16.7M colors
- ▶ High brightness panel 1000nits ( option )
- ▶ DVI-D / VGA video input
- ▶ HDMI / Display port video input ( option )
- ▶ Video decoding capability up to 1080p ( option )
- ▶ Rugged structure ensures high mobility
- ▶ IP65 front protection ( option )
- ▶ Professional-use durability & around-the-clock operation

### Applications

- Broadcasting / Advertising
- Traffic control / Command center
- Directory / Ticket kiosk
- Surveillance system
- Vehicle mount display
- Bathroom TV

## Options

### Video Management & Transmission over Network

- HDMI Decoder Module 1080p over IP
- HDMI Receiver Module 1080p
- HDMI Quad Display Module 1080p
- Multi Monitor OSD Control Module over serial
- 3G / HD / SD-SDI Input Module
- Auto / Manual Brightness Dimming Module (for High Bright model)

### Bezel & Frame Customization

- Dimension
- Color & Treatment
- Screen Printing
- Stainless Steel Bezel

### Touchscreen & Glass Protection

- Resistive 1-point Touch
- Capacitive 1-point Touch
- Projected Capacitive 10-point Touch
- IP65 front protection
- Anti-reflective Glass
- Vandal Proof Glass

### DC Power & connector

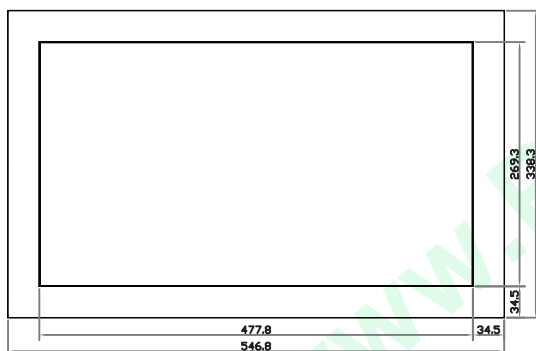
- 12V / 24V / 48V / 110V / 125V / 250VDC
- MIL-type or lockable connector

### Mounting

- VESA mount kit
- Desktop stand
- Wall mount

## Diagrams ( mm )

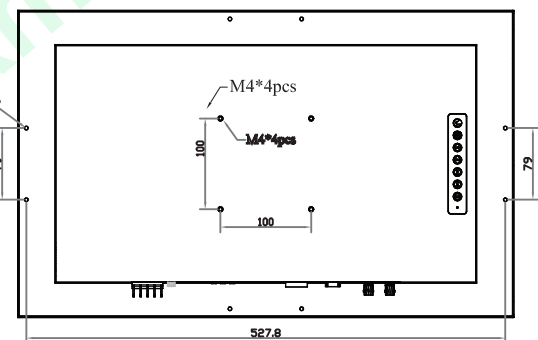
Front View



Side View



Rear View



## Product Specifications

LCD Panel	Standard	High Brightness (option)
Panel size (diagonal)	21.5"	
Native resolution	1920 x 1080	
Brightness (cd/m <sup>2</sup> )	250	1000
Contrast ratio (typ.)	1000 : 1	5000 : 1
Colors	16.7 M	
Viewing angle (L/R/U/D)	85/85/80/80	
Response time (ms)	5	
Dot pitch (mm)	0.248	
Display area (mm)	476.64H x 268.11V	
Surface treatment	Haze 25%, Hard-coating	Anti-glare
Surface hardness	3H	
Backlight type	LED	
MTBF (hrs)	30,000	50,000

Video	
VGA	Analog 0.7Vp-p
DVI	DVI-D single link

Video Option	
Display port	DP1.0 / HDCP 1.3
HDMI	HDMI 1.4 / HDCP 1.4

Audio ( option )	
Audio input :	
Connector	3.5mm stereo jack
Impedance / Power level	30kΩ / 750mV
Audio output :	
Connector	3.5mm stereo jack
Resistance / Power level	30kΩ / 2.8V
Speaker :	
Dual stereo speaker	2W x 2

\*When the audio output is connected, speaker output is OFF

Power	Standard	High Brightness (option)
Input	Auto-sensing 100 to 240VAC, 50 / 60Hz	
Consumption :		
Screen on	Max. 28W	Max. 32W
Power saving mode	Max. 2W	Max. 2W
Power button on	Max. 1W	Max. 1W

Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	20~90%, non-condensing
Storage humidity	5 ~90%, non-condensing
Operating altitude	16,000 ft
Non-operating altitude	40,000 ft
Shock	10G acceleration ( 11ms duration )
Vibration	10~300Hz 0.5G RMS random vibration

Design	ID-E21Dw
Protection	front cover
Front panel	Black, RAL 9005
Rear casing	Black, RAL 9005

Mounting	ID-E21Dw
VESA mount	100 x 100 mm
Universal mount	-
Desktop stand	option
Wall mount	option

Physical	ID-E21Dw
Product (W x D x H) :	
mm	546.8 x 56.4 x 338.3
inch	21.5 x 2.2 x 14.5
Net weight	7.9 kg / 17.4 lb

Compliance	
EMC	FCC & CE certified
Safety	CE / LVD certified
Environment	RoHS2 & REACH compliant

DVI-D / VGA input	HDMI input	Display port input
<b>PC signal :</b> 1920 x 1080 x 60Hz 1360 x 768 x 60Hz 1280 x 1024 x 60 / 75Hz 1280 x 960 x 60Hz 1280 x 768 x 60 / 75Hz 1152 x 864 x 75Hz 1024 x 768 x 60 / 70 / 75Hz 848 x 480 x 60Hz 800 x 600 x 60 / 72 / 75Hz 720 x 400 x 70Hz 640 x 480 x 60 / 72 / 75Hz 640 x 400 x 70Hz 640 x 350 x 70Hz	<b>PC signal :</b> Same as VGA  <b>HDMI 1.3 / 1.4 :</b> 1920 x 1080 x 50 / 60Hz 1920 x 1080 x 25 / 30Hz 1280 x 720 x 50 / 60Hz 720 x 480 x 50 / 60Hz	<b>PC signal :</b> 1920 x 1080 x 60Hz 1600 x 1200 x 60Hz 1360 x 768 x 60Hz 1280 x 768 x 60 / 75Hz 1280 x 768 x 60Hz 1024 x 768 x 60 / 70 / 75Hz 800 x 600 x 60 / 72 / 75Hz 720 x 400 x 70Hz 640 x 480 x 60 / 72 / 75Hz
<b>Audio signal :</b> 2ch Linear PCM	<b>Audio signal :</b> 2ch Linear PCM	<b>Audio signal :</b> 2ch Linear PCM

\* In some circumstances, if the user connects the LCD to PC via HDMI port for video and audio signals, the LCD may display incorrectly on a full screen. If so, please adjust the display card setting on display size to fix the issue.