ID-E27Aw 27" Full HD Industrial Display Panel Mount



Key Benefits

- 1920 x 1080 native FHD resolution
- 1.07B colors (10-bit)
- DP, HDMI 1.4 & VGA; Optional HDMI 2.0
- 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 & Extender
- HDMI Quad Display Module 1080p
- Multi Monitor OSD Control Module
- 3G / HD / SD-SDI Input Module
- Portrait Mode Module

Touchscreen & Glass Protection

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

Bezel & Frame Customization

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

DC Power & connector

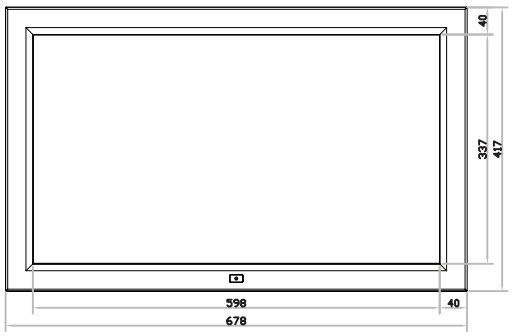
- 24V / 48V / 125V
- MIL-type or lockable connector

Mounting

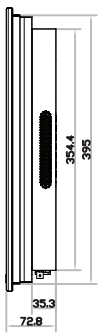
- VESA mount kit
- Desktop stand
- Wall mount

Diagrams (mm)

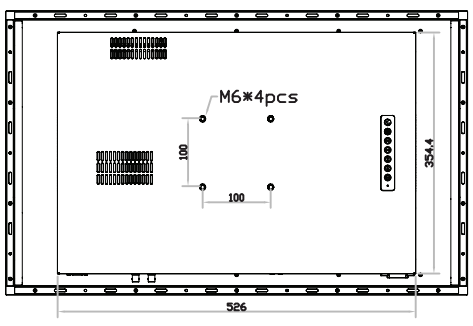
Front View



Side View



Rear View



ID-E27Aw 27" Full HD Industrial Display Panel Mount

Product Specifications

LCD Panel	
Panel size (diagonal)	27-inch
Native resolution	1920 x 1080
Brightness (cd/m²)	300
Contrast ratio (typ.)	1000 : 1
Colors	1.07 Billion, 10-bit
Viewing angle (L/R/U/D)	89/89/89/89
Response time (ms)	20
Dot pitch (mm)	0.3113
Display area (mm)	596.736H x 335.664V
Surface treatment	Anti-glare
Surface hardness	3H
Backlight type	LED
MTBF (hrs)	30,000

Video	
Display port	DP1.0 / HDCP 1.3
HDMI	HDMI 1.4
VGA	Analog 0.7Vp-p

Video Option	
HDMI	HDMI 2.0 / HDCP 2.2

Audio	
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	10W x 2

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

Power	
Input	Auto-sensing 100 to 240VAC, 50 / 60Hz
Consumption :	
Screen on	Max. 53W
Power saving mode	Max. 9W
Power button on	Max. 2W

Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	10~90%, 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-E27Aw	ID-E27AwN
Protection	6mm front bezel	NEMA 4 / IP65
Front panel	Black, RAL 9005	
Rear casing	Black, RAL 9005	

Mounting	ID-E27Aw / ID-E27AwN
VESA mount	100 x 100 mm
Universal mount	-
Desktop stand	option
Wall mount	option

Physical	ID-E27Aw / ID-E27AwN	
Product (W x D x H) :		
mm	678 x 72.8 x 417	
inch	26.7 x 2.9 x 16.4	
Net weight	16.8 kg / 37 lb	18.6 kg / 40.9 lb

Compliance	
EMC	FCC & CE
Safety	CE / LVD & UKCA
Environment	REACH & RoHS3 / WEEE

DVI-D / VGA input	HDMI input	Display port input
PC signal : 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	**PC signal :** Same as VGA **HDMI 1.4 :** 1920 x 1080 x 50 / 60Hz 1920 x 1080 x 25 / 30Hz 1280 x 720 x 50 / 60Hz 720 x 480 x 50 / 60Hz	**PC signal :** 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
Audio signal : 2ch Linear PCM	**Audio signal :** 2ch Linear PCM	**Audio signal :** 2ch Linear PCM