

Key Benefits

- ▶ 1920 x 1080 native FHD resolution
- ▶ 16.7M colors (8-bit)
- ▶ HDMI 1.4 & VGA ;Optional DP, HDMI 2.0 & DVI-D
- ▶ Video decoding capability up to 1080p (option)
- ▶ Rugged structure ensures high mobility
- ▶ Universal mount
- ▶ 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 1080p
- Multi monitor OSD control module
- 3G / HD / SD-SDI input module
- 12G / 4K60 / SD-SDI input module
- Auto dimming
- Manual dimming

Bezel & Frame Customization

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

Touchscreen & Glass Protection

- Projected Capacitive 10-point Touch
- Infraed 10-point Touch
- Anti-reflective Glass
- Vandal Proof Glass

DC Power & connector

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

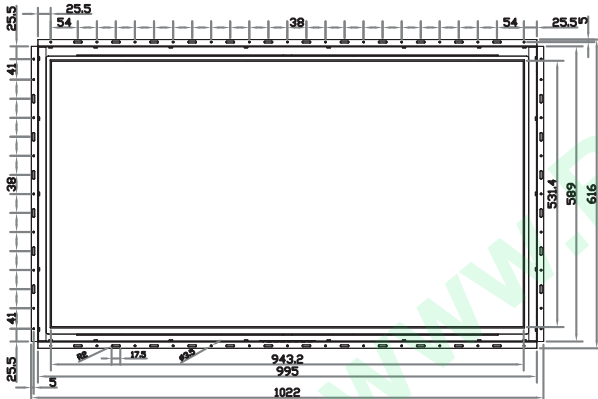
Mounting

- VESA mount kit

Diagrams (mm)

UNIT : mm
1mm = 0.03937 inch

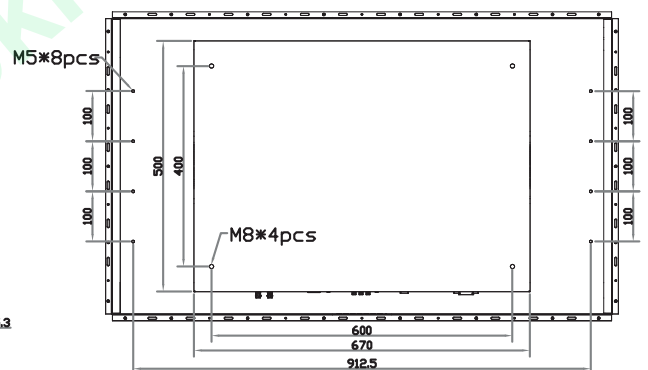
Front View



Side View



Rear View



Product Specifications

LCD Panel	ID-E43Pw	ID-HE43Pw
Panel size (diagonal)	42.5"	
Native resolution	1920 x 1080	
Brightness (cd/m ²)	450	1500
Contrast ratio (typ.)	700 : 1	1100 : 1
Colors	16.7M, 8-bit	1.07B, 10-bit
Viewing angle (L/R/U/D)	89/89/89/89	
Response time (ms)	12	
Dot pitch (mm)	0.4902	0.2451
Display area (mm)	941.184H x 529.416V	
Surface treatment	Anti-glare	
Surface hardness	3H	2H
Backlight type	LED	
MTBF (hrs)	50,000	

Video	
HDMI	HDMI 1.4
VGA	Analog 0.7Vp-p
DVI*	DVI-D single link

Video Option	
Display port	DP1.0 / HDCP 1.3
HDMI	HDMI 2.0 / HDCP 2.2
Composite (BNC)	NTSC & PAL

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	ID-E43Pw	ID-HE43Pw
Input	Auto-sensing 100 to 240VAC, 50 / 60Hz	
Consumption :		
Screen on	Max. 68W	Max. 220W
Power saving mode	Max. 9W	Max. 9W
Power button on	Max. 2W	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-E43Pw / HE43Pw
Protection	-
Front panel	open frame
Rear casing	Black, RAL 9005

Mounting	ID-E43Pw / HE43Pw
VESA mount	600 x 400 mm
Universal mount	bundled
Desktop stand	-
Wall mount	-

Physical	ID-E43Pw / HE43Pw
Product (W x D x H) :	
mm	1022 x 74.8 x 616
inch	40.2 x 2.9 x 24.3
Net weight	26.2 kg / 57.6 lb

Compliance	
EMC	FCC & CE certified
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

* 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.