

Key Benefits

- ▶ 1920 x 1080 native FHD resolution
- ▶ 1.07B colors (10-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
- Portrait mode module
- Auto dimming
- Manual dimming

Bezel & Frame Customization

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

Touchscreen & Glass Protection

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

DC Power & connector

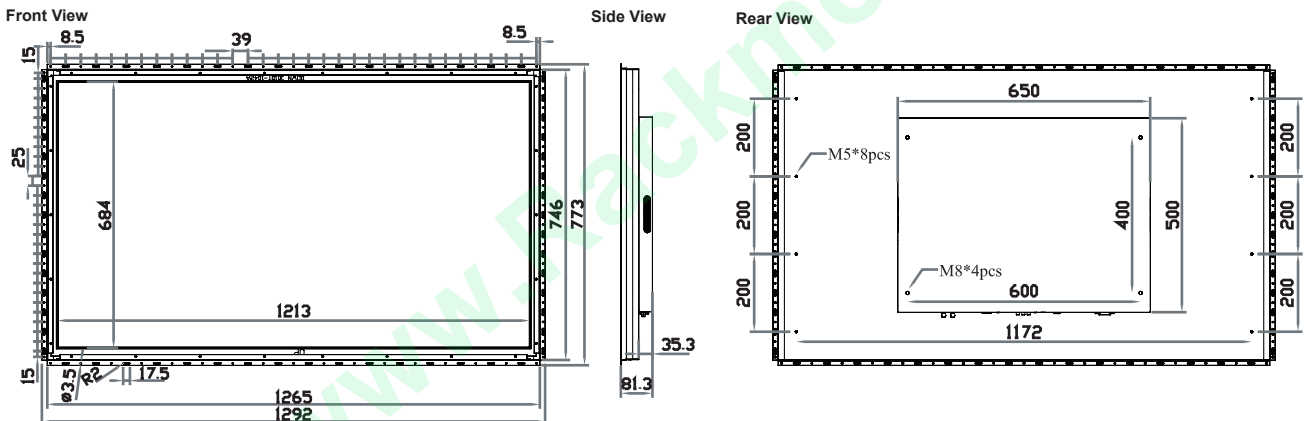
- 12V / 24V / 48V / 110V / 125V / 250VDC
- MIL-type or lockable connector

Mounting

- VESA mount kit

Diagrams (mm)

UNIT : mm
1mm = 0.03937 inch



Product Specifications

LCD Panel	ID-E55Pw	ID-HE55Pw
Panel size (diagonal)	55"	
Native resolution	1920 x 1080	
Brightness (cd/m ²)	450	1500
Contrast ratio (typ.)	1200 : 1	4000 : 1
Colors	1.07B, 10-bit	
Viewing angle (L/R/U/D)	89/89/89/89	
Response time (ms)	12	
Dot pitch (mm)	0.315	
Display area (mm)	1209.60H x 680.4V	
Surface treatment	Anti-glare	
Surface hardness	2H	
Backlight type	LED	
MTBF (hrs)	30,000	

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-E55Pw	ID-HE55Pw
Input	Auto-sensing 100 to 240VAC, 50 / 60Hz	
Consumption :		
Screen on	Max. 100W	Max. 335W
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-E55Pw / HE55Pw
Protection	-
Front panel	open frame
Rear casing	Black, RAL 9005

Mounting	ID-E55Pw / HE55Pw
VESA mount	600 x 400 mm
Universal mount	bundled
Desktop stand	-
Wall mount	-

Physical	ID-E55Pw / HE55Pw
Product (W x D x H) :	
mm	1292 x 81.3 x 773
inch	50.9 x 3.3 x 30.4
Net weight	33 kg / 72.6 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