



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
- ▶ 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 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
- Infraed 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

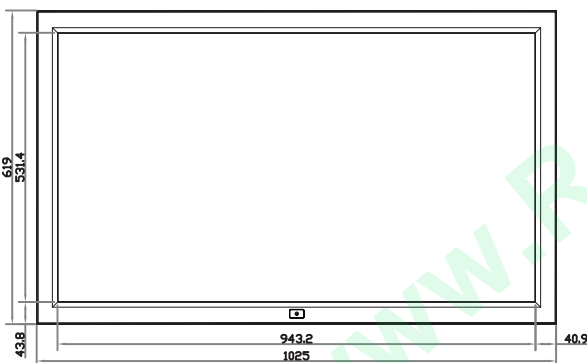
Mounting

- VESA mount kit
- Desktop stand
- Wall mount

Diagrams (mm)

UNIT : mm
1mm = 0.03937 inch

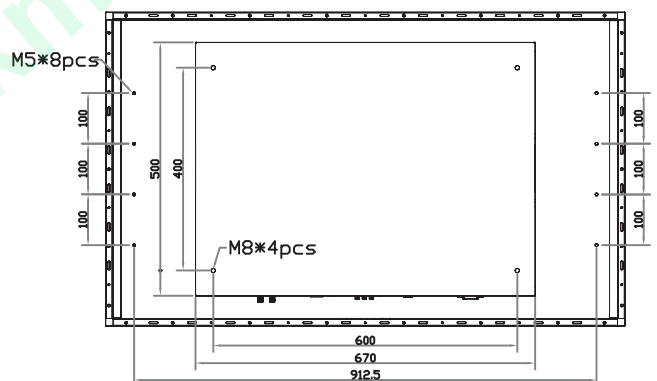
Front View



Side View



Rear View



Product Specifications

| LCD Panel | ID-E43Aw | ID-HE43Aw |
|---------------------------------|---------------------|---------------|
| 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-E43Aw | ID-HE43Aw |
|-------------------|---------------------------------------|-----------|
| 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-E43Aw / HE43Aw | ID-E43AwN / HE43AwN |
|-------------|-------------------|---------------------|
| Protection | 6mm front bezel | NEMA 4 / IP65 |
| Front panel | Black, RAL 9005 | |
| Rear casing | Black, RAL 9005 | |

| Mounting | ID-E43Aw / ID-E43AwN / ID-HE43Aw / ID-HE43AwN |
|-----------------|---|
| VESA mount | 600 x 400 mm |
| Universal mount | - |
| Desktop stand | option |
| Wall mount | option |

| Physical | ID-E43Aw / ID-E43AwN / ID-HE43Aw / ID-HE43AwN |
|-----------------------|---|
| Product (W x D x H) : | |
| mm | 1025 x 82.8 x 619 |
| inch | 40.4 x 3.3 x 24.4 |
| Net weight | 31.7 kg / 69.7 lb |
| | 37.2 kg / 81.8 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.