



### Key Benefits

- ▶ 1280 x 1024 native resolution
- ▶ 16.7 M colors
- ▶ HDMI 1.4 & VGA video input ; Optional DP & 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

- 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

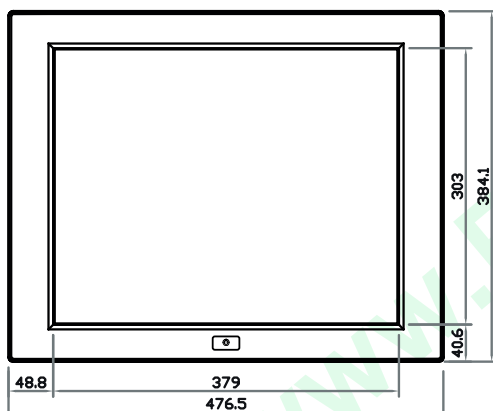
- 12V / 24V / 48V / 110V / 125V / 250VDC
- MIL-type or lockable connector

### Mounting

- VESA mount kit
- Desktop stand
- Wall mount

## Diagrams ( mm )

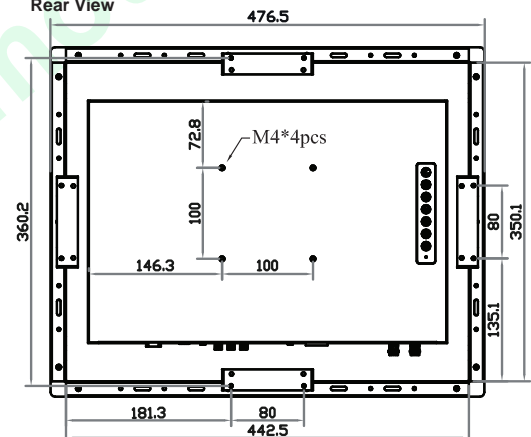
Front View



Side View



Rear View



## Product Specifications

| LCD Panel                       | ID-19A                | ID-H19A |
|---------------------------------|-----------------------|---------|
| Brightness (cd/m <sup>2</sup> ) | 250                   | 1000    |
| Contrast ratio (typ.)           | 1000 : 1              |         |
| MTBF (hrs)                      | 30,000                |         |
| Panel size (diagonal)           | 19"                   |         |
| Native resolution               | 1280 x 1024           |         |
| Colors                          | 16.7M                 |         |
| Viewing angle (L/R/U/D)         | 85/85/80/80           |         |
| Response time (ms)              | 5                     |         |
| Dot pitch (mm)                  | 0.294                 |         |
| Display area (mm)               | 376.32H x 301.06V     |         |
| Surface treatment               | Haze 25% Hard-coating |         |
| Surface hardness                | 3H                    |         |
| Backlight type                  | LED                   |         |

| Video |                     |
|-------|---------------------|
| VGA   | Analog 0.7Vp-p      |
| HDMI  | HDMI 1.4 / HDCP 1.4 |

| Video Option    |                   |
|-----------------|-------------------|
| DVI-D           | DVI-D single link |
| Composite (BNC) | NTSC & PAL        |

| Audio                    |                      |
|--------------------------|----------------------|
| Audio input :            |                      |
| Connector                | 3.5mm stereo jack    |
| Impedance / Power level  | 30k $\Omega$ / 750mV |
| Audio output :           |                      |
| Connector                | 3.5mm stereo jack    |
| Resistance / Power level | 30k $\Omega$ / 2.8V  |
| Speaker :                |                      |
| Dual stereo speaker      | 2W x 2               |

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

| Power             | ID-19A                                | ID-H19A  |
|-------------------|---------------------------------------|----------|
| Input             | Auto-sensing 100 to 240VAC, 50 / 60Hz |          |
| Consumption :     |                                       |          |
| Screen on         | Max. 22W                              | Max. 39W |
| Power saving mode | Max. 4W                               | Max. 4W  |
| Power button on   | Max. 1W                               | Max. 1W  |

| 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-19A / H19A   | ID-19AN / H19AN |
|-------------|-----------------|-----------------|
| Protection  | 6mm front bezel | NEMA 4 / IP65   |
| Front panel | Black, RAL 9005 |                 |
| Rear casing | Black, RAL 9005 |                 |

| Mounting        | ID-19A / ID-19AN / ID-H19A / ID-H19AN |
|-----------------|---------------------------------------|
| VESA mount      | 100 x 100 mm                          |
| Universal mount | -                                     |
| Desktop stand   | option                                |
| Wall mount      | option                                |

| Physical              | ID-19A / ID-19AN / ID-H19A / ID-H19AN |
|-----------------------|---------------------------------------|
| Product (W x D x H) : |                                       |
| mm                    | 476.5 x 63.6 x 384.1                  |
| inch                  | 18.8 x 2.5 x 15.1                     |
| Net weight            | 7.7 kg / 16.9 lb                      |

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

| VGA / DVI input |  |
|-----------------|--|
| PC signal       | 1280 x 1024 x 60 / 75Hz<br>1280 x 960 x 60Hz<br>1280 x 768 x 60 / 75Hz<br>1152 x 864 x 75Hz<br>1024 x 768 x 60 / 70 / 75Hz<br>848 x 480 x 60Hz<br>800 x 600 x 60 / 72 / 75Hz<br>720 x 400 x 70Hz<br>640 x 480 x 60 / 72 / 75Hz<br>640 x 400 x 70Hz<br>640 x 350 x 70Hz |
| Audio signal    | 2ch Linear PCM   |

| HDMI input     |  |
|----------------|--|
| PC signal      | Same as VGA  |
| HDMI 1.3 / 1.2 | 1280 x 720 x 50 / 60Hz ( 720p )<br>720 x 480 x 50 / 60Hz ( 576p / 480p ) |
| Audio signal   | 2ch Linear PCM   |