

IP67 G-Win Display

Flat Touch Panel Mount Display

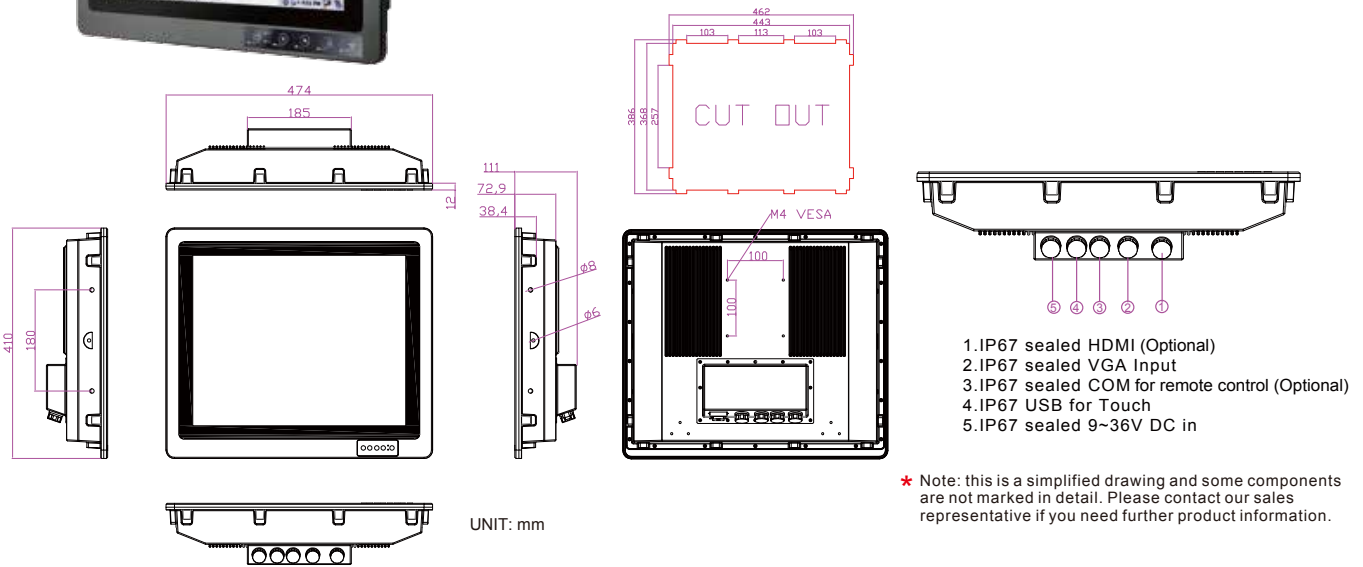
MODEL : R19L100-67FTP

Mechanical Design



Features

- Totally sealed IP67 aluminum compact housing design
- 19-inch 1280x1024 panel with Projected Capacitive Touch
- -10°C to 60°C wide operating temperature
- Fanless, streamlined enclosure for highly efficient heat dissipation
- Rugged Front Anti-Impact Design
- Front control membrane keys Lockable by software
- Full IP67 male connectors with external female cables
- Optical Bonding with Panel and Touch



System Specifications :

- Model Name : R19L100-67FTP
- Resolutions : 1280 x 1024
- Brightness : 400 cd/m² (typ.) for R19L100-67FTP
1000 cd/m² (optional)
for R19L100-67FTPHB (High Brightness)
- Contrast Ratio : 1000 : 1 (typ.)
- Viewing Angles : -85~85(H); -80~80(V)
- Max Colors : 16.7M
- Recommended Resolution : 1280 x 1024 @ 60Hz~75Hz
- Signal Input : 15 pin D-Sub
- Power Input : 9~36V DC in, with External AC to DC Adapter(100-240V AC)
- Touch Screen : Projected Capacitive (Option AR Protection glass)

Standards and Certifications

- CE
- FCC
- Shock : Compliant with MIL-STD-810G Method 516.6
- Vibration : Compliant with MIL-STD-810G Method 514.6

Mechanical Specification :

- Mechanical Housing : Panel Mount
- Dimension(W x H x D) : 474mm x 410mm x 111mm
- Gross Weight : 13.5 kg
- Net Weight : 10.0 kg

Power Specifications :

- Power Input : 9~36V DC input

Environment Considerations :

- Operating Temperature : -10 deg.C to 60 deg.C
- Operating Humidity : 5 to 95%

Full IP67 Connectors :

- 1 x IP67 grade Connectors for HDMI (Optional)
- 1 x IP67 grade Connectors for DC 9~36V in
- 1 x IP67 grade Connectors for RS232 Remote Control (Optional)
- 1 x IP67 grade Connectors USB for Touch Screen
- 1 x IP67 grade Connectors for VGA signal in

Accessories :

- 1 x Driver & Manual CD
- 1 x AC to DC 12V 50W Power Adapter
- 4 x IP67 External Cables (USB / VGA / COM (Optional) / Power)

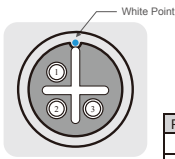
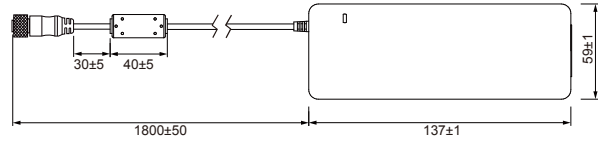
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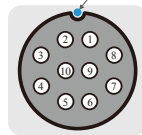
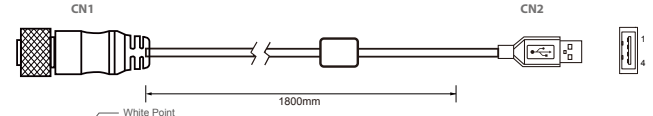
Pin Definition

Power Cable



| Pin No. | Symbols | Color | Pin No. | Symbols | Color |
|---------|---------|-----------|---------|---------|--------------|
| CN1-1 | VIN - | NO ASSIGN | CN2-1 | VCC+ | Flow Adapter |
| CN1-2 | VIN - | NO ASSIGN | CN2-2 | GND | Flow Adapter |
| CN1-3 | VIN - | NO ASSIGN | CN2-3 | VCC- | Flow Adapter |

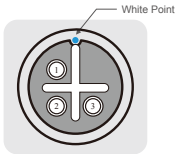
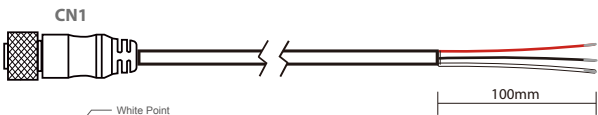
USB Cable (For Touch)



| Pin No. | Symbols | Color | Pin No. | Symbols | Color |
|---------|---------|-------|-----------|---------|-------|
| CN1-2 | VCCRed | | CN2-1 | VCC | Red |
| CN1-3 | D-White | | CN2-2 | D- | White |
| CN1-4 | D+ | Green | CN2-3 | D+ | Green |
| CN1-5 | GND | Black | CN2-4 | GND | Black |
| CN1-9 | GND | Black | CN2 Shell | Black | |

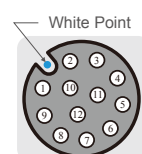
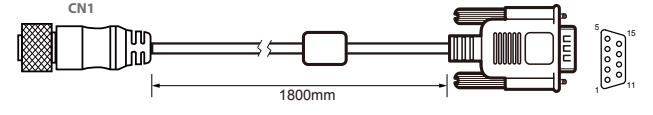
twisted pairs

Power Cable



| Pin No. | Symbols | Color | Pin No. | Symbols | Color |
|---------|---------|-------|---------|---------|-------|
| CN1-1 | VCC+ | Red | CN2-1 | VCC+ | Red |
| CN1-2 | GND | Black | CN2-2 | GND | Black |
| CN1-3 | VCC- | White | CN2-3 | VCC- | White |

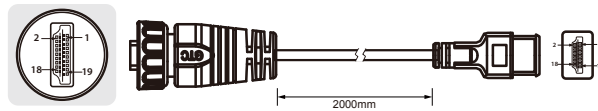
VGA Cable



| Pin No. | Symbols | Color | Pin No. | Symbols | Color |
|---------|---------|--------|---------|---------|--------|
| CN1-1 | R | Red | CN2-1 | R | Red |
| CN1-6 | R-GND | Black | CN2-2 | R-GND | Black |
| CN1-2 | G | Green | CN2-3 | G | Green |
| CN1-7 | G-GND | Black | CN2-4 | G-GND | Black |
| CN1-3 | B | Blue | CN2-5 | B | Blue |
| CN1-8 | B-GND | Black | CN2-6 | B-GND | Black |
| CN1-12 | SDA | Yellow | CN2-7 | SDA | Yellow |
| CN1-13 | HS | Orange | CN2-8 | HS | Orange |
| CN1-14 | VS | White | CN2-9 | VS | White |
| CN1-15 | SCL | Brown | CN2-10 | SCL | Brown |

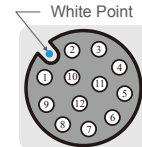
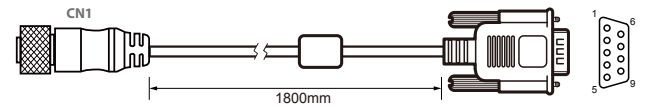
coaxial

HDMI Cable



| Pin No. | Color | Pin No. | Color | Pin No. | Color |
|---------|-------------|---------|-------------|---------|--------|
| 1 | Brown | 10 | Blue | 10 | Blue |
| 2 | Drain | 11 | Drain | 11 | Drain |
| 3 | White | 12 | White | 12 | White |
| 4 | Red | 13 | Black | 13 | Black |
| 5 | Drain | 14 | Red | 14 | Red |
| 6 | White | 15 | Orange | 15 | Orange |
| 7 | Green | 16 | Yellow | 16 | Yellow |
| 8 | Drain | 17 | Purple | 17 | Purple |
| 9 | White | 18 | White | 18 | White |
| Shell | Drain+Braid | 19 | White | 19 | White |
| Plug | | Shell | Drain+Braid | Shell | |

RS232(for remote control) Cable



| Pin No. | Symbols | Color | Pin No. | Symbols | Color |
|---------|----------|--------|---------|----------|--------|
| CN1-1 | DCD-CON2 | Green | CN2-1 | DCD-CON2 | Green |
| CN1-6 | DSR-CON2 | Brown | CN2-2 | DSR-CON2 | Brown |
| CN1-2 | RXD-CON2 | Red | CN2-3 | RXD-CON2 | Red |
| CN1-7 | RTS-CON2 | Orange | CN2-4 | RTS-CON2 | Orange |
| CN1-3 | TXD-CON2 | Blue | CN2-5 | TXD-CON2 | Blue |
| CN1-8 | CTS-CON2 | White | CN2-6 | CTS-CON2 | White |
| CN1-4 | DTR-CON2 | Purple | CN2-7 | DTR-CON2 | Purple |
| CN1-9 | RI-CON2 | Yellow | CN2-8 | RI-CON2 | Yellow |
| CN1-5 | GND-CON2 | Black | CN2-9 | GND-CON2 | Black |

Assured Systems

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