**Features**
- 15", 17", 19", or 19.5" LCD
- Fits standard EIA 19" rack
- NEMA 1 enclosure rating
- UL Rated for Hazardous Locations: Class I, Division 2
- Black powder-coated carbon steel bezel
- High resolution, high brightness and contrast
- Field-proven MTBF of more than 250,000 hours
- Touch Screen, Tempered Glass, and Acrylic Window options
- Only 1.3" to 2.3" deep (behind bezel)
- 5 ft. cables included (optional to 1000 ft.)
- Industrial Certifications: UL 508A, UL 50E, CE, FCC Class A, UL 60950 3rd Edition / cUL Recognized Component

**Product Description**
Hope Industrial Systems’ Rack Mount Industrial Monitors are designed to provide the industrial user with excellent picture quality and rugged design for reliable continuous operation.

With heights of only 6U (15" display), 7U (19.5" display), and 8U (17" and 19" displays), and depths of only 1.3" to 2.3" behind the bezel, these Rack Mount Monitors provide maximum screen area using minimal rack space.

Like all our displays, these monitors are backed by industrial certifications and an industry-leading 5-year warranty.

**Optional Accessories**
- Industrial Keyboards
- Screen Protectors (all sizes)
- Extended cable options up to 1000’
- KVM Extenders

**About Hope Industrial Systems**
Hope Industrial provides industrial flat panel monitors and touch screens that have superior quality and up-to-date features that are relevant to industrial applications.

We house this advanced technology in a variety of rugged enclosures that allow the user to put their displays wherever they are needed in the factory. We assure our customers of high reliability over time and back it up with an industry-leading warranty.

We provide all of these benefits at a price that is significantly less than comparable industrial offerings. And finally, we offer the best sales, support and service in the industry:
- 5-year limited warranty on all monitors
- 24-48-hour repair turnaround (most models)
- Same day shipment lead time (most models)
- 30-day money-back guarantee

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*Rear view of 15" Rack Mount Monitor.*

*Optional KVM Extender allows monitor to be placed up to 1000' away from computer.*

*Panel heights for Hope Industrial Systems Rack Mount Monitors.*

*Optional Screen Protector guards touch screens from scratches and wear.*
## Rack Mount Industrial Monitors and Touch Screens: Specifications

### Display

<table>
<thead>
<tr>
<th></th>
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<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Thin-film transistor (TFT) Active Matrix Liquid Crystal</td>
<td>Thin-film transistor (TFT) Active Matrix Liquid Crystal</td>
<td>Thin-film transistor (TFT) Active Matrix Liquid Crystal</td>
<td>Thin-film transistor (TFT) Active Matrix Liquid Crystal</td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td>15” diagonal</td>
<td>17” diagonal</td>
<td>19” diagonal</td>
<td>19.5” diagonal</td>
</tr>
<tr>
<td><strong>Image Size (W x H)</strong></td>
<td>304 mm x 228 mm (12.0” x 9.0”)</td>
<td>338 mm x 270 mm (13.3” x 10.6”)</td>
<td>375 mm x 300 mm (14.8” x 11.8”)</td>
<td>435 mm x 239 mm (17.1” x 9.4”)</td>
</tr>
<tr>
<td><strong>Native Resolution</strong></td>
<td>XGA (1024 x 768 @ 60 Hz)</td>
<td>SXGA (1280 x 1024 @ 60 Hz)</td>
<td>HD 1080p (1920x1080 @ 60 Hz)</td>
<td>HD 1080p (1920x1080 @ 60 Hz)</td>
</tr>
<tr>
<td><strong>Aspect Ratio</strong></td>
<td>4:3</td>
<td>5:4</td>
<td>16:9</td>
<td>16:9</td>
</tr>
<tr>
<td><strong>Pixel Pitch</strong></td>
<td>0.297 mm x 0.297 mm</td>
<td>0.264 mm x 0.264 mm</td>
<td>0.293 mm x 0.293 mm</td>
<td>0.2265 mm x 0.221 mm</td>
</tr>
<tr>
<td><strong>Brightness (white)</strong></td>
<td>400 nits (cd/m²)</td>
<td>250 nits (cd/m²)</td>
<td>16.7 million</td>
<td>16.7 million</td>
</tr>
<tr>
<td><strong>Viewing Angle (Hori/Vert)</strong></td>
<td>170° / 170°</td>
<td>170° / 160°</td>
<td>178° / 178°</td>
<td>178° / 178°</td>
</tr>
<tr>
<td><strong>Contrast Ratio</strong></td>
<td>1500:1</td>
<td>1000:1</td>
<td>3000:1</td>
<td>3000:1 (typical); 20M:1 (dyn.)</td>
</tr>
<tr>
<td><strong>Backlight Brightness half-life</strong></td>
<td>LED, 60,000 hours</td>
<td>LED, 40,000 hours</td>
<td>LED, 50,000 hours</td>
<td>LED, 50,000 hours</td>
</tr>
</tbody>
</table>

### Video

- **Input Connectors**: HD-15, DVI-I, optional DisplayPort or BNC
- **Input Signal Formats**: RGB Analog video, Separate H/V sync, Composite sync, Sync on Green; DVI
- **Horizontal Scan**: 31-73 kHz
- **Vertical Scan**: 50-75 Hz
- **Response Rate**: 35 ms

### Electrical

- **Power Consumption**
  - Monitor Input: 100 to 240 VAC, 1.5/0.75 A, 60/50 Hz or 9.6 to 36.6 VDC, 2.5 to 0.65 A
  - Power Consumption: ~16.8 W
  - Power (Standby mode): < 4 W
  - Power (Standby mode): < 0.5 W

### Environmental

- **Operating Temperature**: 0° to 50°C (32° to 122°F)
- **Storage Temperature**: -20° to 60°C (-4° to 140°F)
- **Humidity**: 20% to 90% non-condensing
- **Operating Shock**: 15 g, 6 msec, half-sine
- **Operating Vibration (sine)**: 1.0 g, swept sine 9-500 Hz
- **Transport Vibration (random)**: 0.1g

### Physical

- **Control Panel Buttons**: Power On/Off button, Control Function buttons
- **On-Screen Display Menus**: Picture, Color, Image, OSD, Setup, Information (other options depending on model)

### Functional

- **Touch Screen Option**: 5-wire resistive system; emulates a mouse; Serial RS-232 or USB interface to host computer

### Compliances and Certifications

- **Environmental**: WEEE (Registration No. WEE/DJ1859ZX for UK only)
- **Enclosure**: UL 50E
- **Hazardous Location**: Listed for Class I, Division 2 for Groups A, B, C, D; T-Code T4A

### Ordering Options

- **Window Options**: No Protective Window, Tempered Glass, Analog Resistive Touch Screen, or Acrylic Protective Window
- **Power Options**: AC or DC input

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* A full list of supported video standards may be found on our website.
** Inputs using optional adapter: HDMI (via HDMI to DVI adapter); DisplayPort (via DisplayPort to VGA or DVI adapter); BNC (via HD-15 to 5-wire BNC adapter). Call for details.
*** NTSC/PAL composite input available. Call for details.