FX-HAZ  |  Industrial Monitor for Hazardous Locations

DYNICS FX-HAZ Monitors are industrial panel mounted monitors approved for Hazardous Locations with a NEMA 4 / NEMA 4X rating. Pairing these rugged displays with one of DYNICS PIX-HAZ industrial computers creates a complete PC solution in a slim panel format for many Hazardous Locations.

- Class I Division 2, Class II Division 2, & Class III Approved
- UL, cUL, & CE Certified
- Analog Resistive Touchscreen or Protective Polycarbonate Lens
- 100–240VAC / 24VDC
- DVI and VGA Inputs
- 55°C Max Operating Temperature
- 60-Month Warranty

**DISPLAY SPECIFICATIONS**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>RESOLUTION</th>
<th>VIEW ANGLE</th>
<th>CONTRAST</th>
<th>BRIGHTNESS</th>
<th>ASPECT RATIO</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1”</td>
<td>SVGA 800 x 600</td>
<td>H: -80°/+80°</td>
<td>700:1</td>
<td>450 nits</td>
<td>4:3</td>
</tr>
<tr>
<td>15”</td>
<td>XGA 1024 x 768</td>
<td>H: -80°/+80°</td>
<td>800:1</td>
<td>300 nits</td>
<td>5:4</td>
</tr>
<tr>
<td>17”</td>
<td>SXGA 1280 x 1024</td>
<td>H: -85°/+85°</td>
<td>1000:1</td>
<td>350 nits</td>
<td>5:4</td>
</tr>
<tr>
<td>19”</td>
<td>SXGA 1280 x 1024</td>
<td>H: -85°/+85°</td>
<td>1000:1</td>
<td>350 nits</td>
<td>5:4</td>
</tr>
</tbody>
</table>

5-Wire Analog Resistive Touch Screen / Protective Polycarbonate Lens (Non-Touch)
USB / Serial Output Connection
50,000 Hour Backlight Half-Life
NEMA 4 Powder Coated Finish (Black) / NEMA 4X Stainless Steel
100–240VAC, 0.6 AMP / 24VDC, 2.5 AMP (3-Pin Power Entry Approved for Hazardous Locations)
Operating: 0° - 55°C (32° - 131°F) | Non-Operating: -25° - 60°C (-13° - 140°F)
Non-Condensing: 20% - 80%
Operating: 10G | Non-Operating: 15G
Operating: 1.0G from 57~2000Hz | Non-Operating: 2.5G from 57~2000Hz
USA: UL 121201(UL Listed), UL 61010-1 (UL Listed), UL 61010-2-201 (UL Listed), FCC 47 CFR Part 15, Class A
Canada: CSA C22.2 No. 213 (cUL Listed), CSA C22.2 No. 61010-1-12 (cUL Listed), CSA C22.2 No. 61010-2-201 (cUL Listed), ICES-001, Group 1, Class A
European Union CE: EN 50581 (RoHS), EN 61326-1 (CISPR 11, Group 1, Class A), EN 61010-1, EN 61010-2-201
International: IEC 61010-1 (UL CB), IEC 61010-2-201 (UL CB)
Class I Division 2, Groups A, B, C, and D, Class II Division 2, Groups F and G, and Class III
Temp Code: T4A
**Note:** Must be installed in an enclosure suitable for the environment, such that the equipment is only accessible with the use of a tool. Also requires applicable wiring standards for the application to be certified. Consult local codes for details and requirements.

60-Month limited warranty

**MARKING DETAILS**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This ISM device complies with Canadian ICES-001. Cet appareil ISM est conforme à la norme NMB-001 du Canada.

Warning: For use on a flat surface of a Type 1, 4, 4x, or 12 enclosure.

Class I Division 2, Groups A, B, C, and D Class II Division 2, Groups F and G, and Class III Hazardous Locations: T4A
Surrounding Air Temp: 0° to 55°C
Power rating is maximum for series. For actual power rating see datasheet.
Made in the USA.

620 TECHNOLOGY DRIVE, ANN ARBOR, MI 48108 | PH: 734.677.6100 | SALES@DYNICS.COM | WWW.DYNICS.COM
### INDUSTRIAL MONITOR FOR HAZARDOUS LOCATIONS

**FX-HAZ MONITOR**

### DIMENSIONS, WEIGHT AND POWER CONSUMPTION

<table>
<thead>
<tr>
<th></th>
<th>12.1&quot;</th>
<th>15&quot;</th>
<th>17&quot;</th>
<th>19&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HEIGHT (BEZEL)</strong></td>
<td>11.0&quot; (279.4mm)</td>
<td>11.9&quot; (302.3mm)</td>
<td>14.0&quot; (355.6mm)</td>
<td>15.4&quot; (391.2mm)</td>
</tr>
<tr>
<td><strong>WIDTH (BEZEL)</strong></td>
<td>13.8&quot; (350.5mm)</td>
<td>15.8&quot; (401.3mm)</td>
<td>17.8&quot; (452.1mm)</td>
<td>18.8&quot; (477.5mm)</td>
</tr>
<tr>
<td><strong>HEIGHT (CUTOUT)</strong></td>
<td>9.9&quot; (251.5mm)</td>
<td>11.3&quot; (267.0mm)</td>
<td>13.0&quot; (330.2mm)</td>
<td>14.4&quot; (365.8mm)</td>
</tr>
<tr>
<td><strong>WIDTH (CUTOUT)</strong></td>
<td>12.7&quot; (322.6mm)</td>
<td>15.3&quot; (388.6mm)</td>
<td>16.7&quot; (424.2mm)</td>
<td>17.8&quot; (452.1mm)</td>
</tr>
<tr>
<td>**DEPTH *****</td>
<td>2.9&quot; (73.7mm)</td>
<td>2.9&quot; (73.7mm)</td>
<td>2.9&quot; (73.7mm)</td>
<td>2.9&quot; (73.7mm)</td>
</tr>
<tr>
<td><strong>WEIGHT</strong></td>
<td>10 lbs.* (4.5kg)</td>
<td>14 lbs.* (6.4kg)</td>
<td>20 lbs.* (9.1kg)</td>
<td>22 lbs.* (10.0kg)</td>
</tr>
<tr>
<td><strong>POWER CONSUMPTION</strong></td>
<td>20 Watts**</td>
<td>25 Watts**</td>
<td>35 Watts**</td>
<td>35 Watts**</td>
</tr>
</tbody>
</table>

* Weights are approximate, contact DYNICS for details.
** Power consumption is based on maximum ratings; actual ratings vary significantly based on components used.
*** Depth Dimension is from rear of bezel. For overall dimensions; add 0.25" (6.4mm) for aluminum bezel or 0.13" (3.3mm) for stainless steel bezel.

### MECHANICAL DRAWINGS

**FRONT VIEW**

**BACK VIEW**

### POWER ENTRY OPTIONS

**AC INPUT (-HA)**

- PIN 1: L
- PIN 2: (Chassis GND)
- PIN 3: N

**DC INPUT (-HD)**

- PIN 1: V+
- PIN 2: (Chassis GND)
- PIN 3: V-

Note: Red keys prevent inadvertent substitution of AC and DC plugs.

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All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options. DYNICS reserves the right to change, modify, upgrade, or discontinue any part of this datasheet without any prior notice.