Pro-face

5015T/R2 Industrial Flat Panel
Touch Monitor

DS-300005(D)

15-inch Color LCD
Touch Monitor

5015T/R2

AC100/240V DC18/30V

XGA

15-inch

Pro-face® XYCOM™

CE c UL

Pro-face/Xycom's 5015T/R2 15" industrial flat panel touch monitor offers state-of-the-art performance and features at a very competitive price.

FEATURES

- 2-year warranty
- State of the art 15" TFT XGA color LCD supporting resolutions up to 1024 x 768 @ 75Hz, 265K colors
- Sophisticated scaling engine produces excellent full screen images in all common VESA modes automatically
- Analog resistive touch screen and driver software standard (USB or Serial connections available - only one cable can be used at a time)
- Analog View (VGA) and Digital Video Input (DVI)
- Mounts in 5015T or XT1502 cutouts with included mounting spacers
- Shallow mounting depth - only 2.85" deep
- Powder coated aluminum front bezel (stainless steel front bezel optional)
- Provision for 75mm VESA arm mounting on back of monitor
- Simple installation using mounting clips - no studs
- 24V DC input power option
- Up to 50' cables (10' USB and Serial touch screen cables included)
- NEMA 4/4X/12 front panel
- UL, cUL & CE
- UL listed for Hazardous Locations: Class I, Division 2, Groups A, B, C, D; Class II, Division 2, Groups F and G; Temp. Code: T6

Superb Display Quality

The 5015T/R2 delivers superb display quality up to 1024 x 768 (XGA) resolution with a color depth of 265K colors.

The latest generation scaling capability assures high quality, full-sized images for all standard VESA modes up to XGA @ 75Hz.

Precision Manufacturing for Harsh Environments

The 5015T/R2 is constructed using a aluminum front bezel providing trouble free service in hostile NEMA 4/4X/12 environments. An optional stainless steel front bezel is now available. The 5015T/R2 now offers a 24V DC input power option.

Fits Your Needs

Other features include Hazardous Location - UL Class 1 Division 2, Class 2 Division 2 compliance, an integrated analog resistive touch screen and special mounting clips for quick and easy installation.

All units are shipped with ten foot USB and serial touch screen cables and drivers. Only one cable can be used at a time.

Cutout Compatibility

The 5015T/R2 mounts easily in previous 5015T and XT1502 monitors cutouts with the included mounting spacers. Requires no change in existing panel cutout.

DISPLAY SPECIFICATIONS

	5015T/R2
Display Size (Active Area H x V)	11.97" (304.1 mm) x 8.98" (228.1 mm)
Resolution (1 pixel = R+G+B dots)	XGA: 1024 x 768
Display Colors	265K
Brightness	350 Nit Typical
Contrast Ratio	400:1 Typical
Horizontal Viewing Angle	120°
Vertical Viewing Angle	100°
Backlight Life	50,000 Hours

PRODUCT AND MOUNTING DIMENSIONS
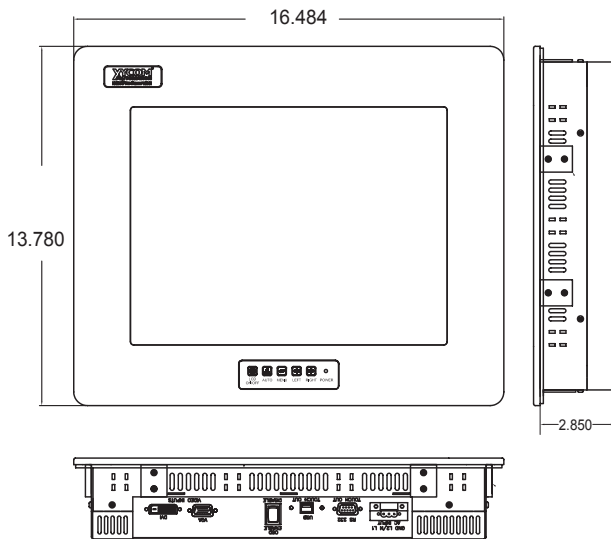
5015T/R2 Unit Dimensions

Width	16.485" (418.7 mm)
Height	13.78" (350 mm)
Mounting Depth	2.85" (72.3 mm)
Weight	15 lbs (7.0 kg)

PRODUCT CUTOUT DIMENSIONS

5015T/R2 Cutout Dimensions

15.30" ±0.04", -0" [388.6 ±1.02, -0.0 mm]

12.76" ±0.04", -0" [324.1 ±1.02, -0 mm]
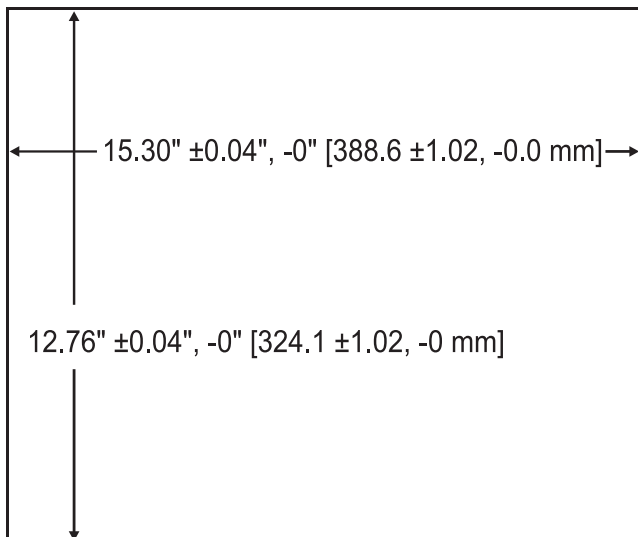
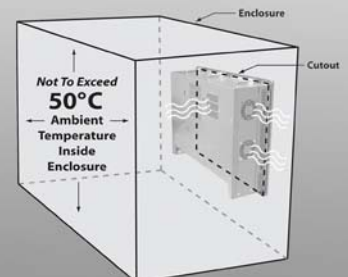### Temperature Specifications

When installing your 5015T/R2 into an enclosure, extra care should be exercised to ensure that the ambient air around the unit (inside your enclosure, not outside the enclosure) does not exceed 50°C. Exceeding 50°C may cause premature degeneration of the unit.
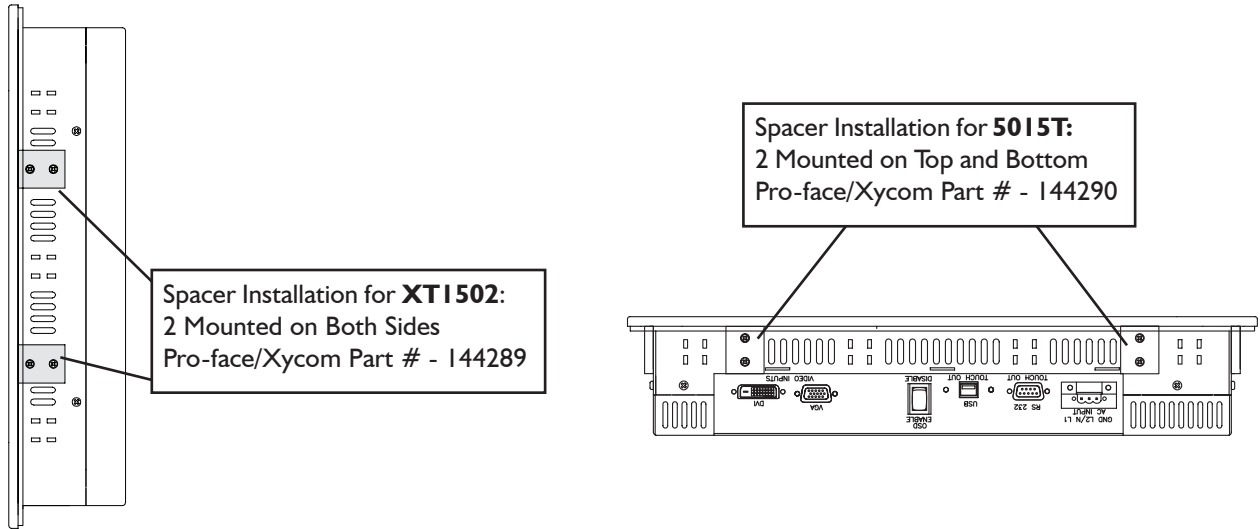
Even though the 5015T/R2 is a very compact unit, care still needs to be exercised when installing the 5015T/R2 into an undersized enclosure. Consult your enclosure manufacturer for proper sizing and/or cooling options. The product specifications and ratings section of this datasheet contains the information your enclosure manufacturer will require.

5015T/R2 Mounting with Spacers

The 5015T/R2 will mount directly in previous 5015T version and XT1502 cutouts with included mounting spacers. See diagrams below.

Spacer Installation for **5015T**:
2 Mounted on Top and Bottom
Pro-face/Xycom Part # - 144290

Spacer Installation for **XT1502**:
2 Mounted on Both Sides
Pro-face/Xycom Part # - 144289

PRODUCT SPECIFICATIONS AND RATINGS

Environmental

	Operating	Nonoperating
Thermal	0°C to 50°C	-20°C to 60°C
Humidity	20% to 80% RH, noncondensing	20% to 80% RH, noncondensing
Shock	15g peak acceleration, 11 msec duration	30g peak acceleration, 11 msec duration
Vibration 5-2000 Hz	.006" peak to peak displacement 1.0g maximum acceleration	.015" peak to peak displacement 2.5g maximum acceleration
Altitude [a]	Sea level to 10,000 ft.	Sea level to 40,000 ft.

[a] Consistent with internal component specifications.

Electrical

AC power	100 - 240V AC, 0.6A maximum, 50/60 Hz, 27 W nominal*
DC Power	18V DC - 30V DC @ 1.4A maximum, 26 W nominal*, inrush current - 22 A max @24 V DC

* Nominal Power is measured for a base configuration only. Any additional expansion and/or devices will increase the input power required.

Front Panel

- NEMA 4/4X/12 and IP65

Regulatory Compliance

CE
- EN 55022: Class A
- EN 61000-6-2
- EN 60950-1
- EN 61000-3-2, Class A
- EN 61000-3-3

FCC
- 47 CFR, Part 15, Class A

Safety Agency Approvals:

- UL 508 Listed
- UL 1604 Listed*

- cUL CSA C22.2, #142 Listed
- cUL CSA C22.2, #213 Listed*

* Class I, Division 2, Groups A, B, C, D;
  Class II, Division 2, Groups F and G;
  Temp. Code: T6

ORDERING INFORMATION

To create an order number, follow the conventions defined by the example order numbers and product configurations.

Example Order Number

Order Number	Description
5015T/R2	15-inch NEMA 4/4X/12 industrial flat panel TFT XGA (1024 x 768) color monitor with resistive touchscreen. Includes AC Power Supply, 10 ft. USB and Serial touch screen cables*, mounting hardware, documentation and touchscreen drivers

5015T/R2-__ __

* Only one cable can be used at a time.

Power Supply
blank   AC Power Supply
-24V   24V DC Power Supply

Bezel
blank   Powder-coated Aluminum Bezel
-S   303 Stainless Steel Bezel [a]

[a] Screen adjustment buttons will be mounted on rear with Stainless Steel Bezel option.

Cables (ordered separately)

Order Number	Description
3000-CBL-10V	10 ft. (3 m) coaxial VGA cable [male-male]; connects monitor to standard VGA card
3000-CBL-25V	25 ft. (7.5 m) coaxial VGA cable [male-male]; connects monitor to standard VGA card
3000-CBL-50V	50 ft. (15 m) coaxial VGA cable [male-male]; connects monitor to standard VGA card
CBL-SER10MF	10 ft. (3 m) serial communication cable
CBL-SER25MF	25 ft. (7.5 m) serial communication cable
CBL-SER50MF	50 ft. (15 m) serial communication cable
3000-USB-03AB	3 ft. (1 m) USB Touch Cable
3000-USB-10AB	10 ft. (3 m) USB Touch Cable

Adapter Plates for 5015T/R2 Monitors

Order Number	Description
MTG-RM5015T/R2	Adapter panel for mounting 5015T/R2 **(NOT 5015T)** in 19" rack. Panel measures 14.00" (8U) in height.
MTG-RM5015	Adapter panel for mounting 5015T **(NOT 5015T/R2)** in 19" rack. Panel measures 14.00" (8U) in height.
MTG-PM5015-3015	Adapter plate for panel mounting a 5015T or 5015T/R2 in place of a 3015. Requires a minimum of 15.4" of vertical panel space
MTG-PM5015-9407	Adapter plate for panel mounting a 5015T or 5015T/R2 in place of a 9407. Requires a minimum of 15.4" of vertical panel space

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For more information

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