

5017T Flat Panel Industrial Touch Monitor

DS-300003(E)



17-inch
TFT
SXGA
LCD



Xycom Automation's new 5017T (17") is the latest addition to the high performance, yet cost-effective, 5000 Series of industrial flat panel monitors. With its two-year warranty and state-of-the-art electronics, the 5017T delivers superb display quality up to 1280 x 1024 (SXGA) resolution with a color depth of 16 million colors and analog resistive touch screen with serial or USB interfaces. The latest generation scaling capability assures high quality, full size images for all standard VESA modes up to SXGA - 75Hz. Options include 24V DC input power and stainless steel front bezels. The 5017T is certified for NEMA 4/4X/12 environments and meets UL hazardous location, Class I & II, Div 2 requirements.

FEATURES

- 2 year warranty on all 5000 Series monitors
- State-of-the-art TFT SXGA color LCD and converter card supporting resolutions up to 1280 x 1024 @ 75Hz, 16 million colors
- Sophisticated scaling engines produce excellent full screen images in all common VESA modes automatically
- Analog resistive touch screen and driver software with choice of RS-232 or USB interface (RS-232 standard)
- Shallow mounting depth - only 2.9 inches deep
- Provision for 100mm VESA mounting arm on back of monitor
- Provision for mounting 1300-CLIENT or 1506 Node PC on back of monitor
- Simple installation using mounting clips - no studs
- 24V DC input power option
- Up to 50' cables (10' cables included)
- NEMA 4/4X/12 front panel
- Front panel controls
- Optional stainless steel bezel
- 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 5017T (17") delivers superb display quality up to 1280 x 1024 (SXGA) resolution with a color depth of 16 million colors and touchscreen with either RS-232 or USB interface. Options include 24V DC input power and stainless steel bezel.

Convert Your 5017 to a Computer Workstation

The 5017 is designed to allow a Xycom 1300-Client or 1506 Node

- PC to be mounted on the rear of the monitor. Just bolt the node to the back of the monitor, attach the cables, and your 5017 becomes a computer workstation.

Fits Your Needs

- Other features include hazardous location - UL Class I & II, Division 2 compliance, 100mm VESA arm mount provision and front panel controls for convenient set up and adjustment. Special mounting clips make installation quick and simple.

- All units are shipped with 10 foot VGA and serial cables. A field wireable input power receptacle is provided for connection to AC power.



DISPLAY SPECIFICATIONS

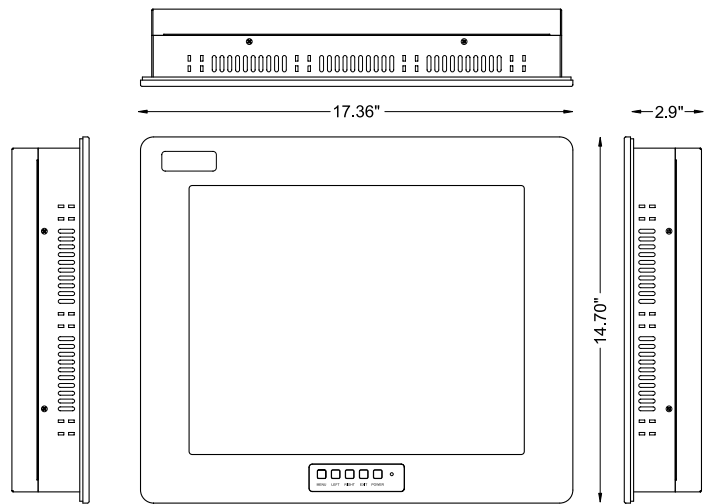
| | |
|--|---|
| Model | 5017T |
| Display Size (Active Area H x W) | 13.30" (337.92 mm) x 10.64" (270.34 mm) |
| Resolution (1 pixel = R+G+B dots) | SXGA: 1280 x 1024 |
| Display Colors | 16 million |
| Brightness | 250 Nit Typical |
| Contrast Ratio | 400:1 Typical |
| Horizontal Viewing Angle | 140° Typical |
| Vertical Viewing Angle | 120° Typical |
| Backlight Life | 50,000 Hours |



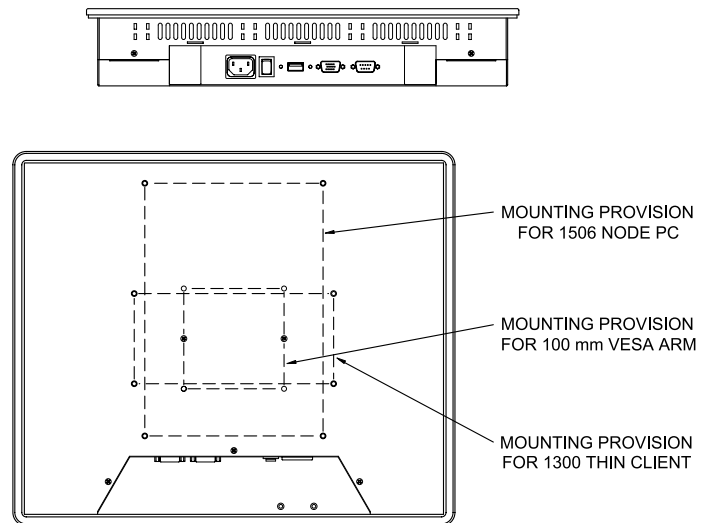
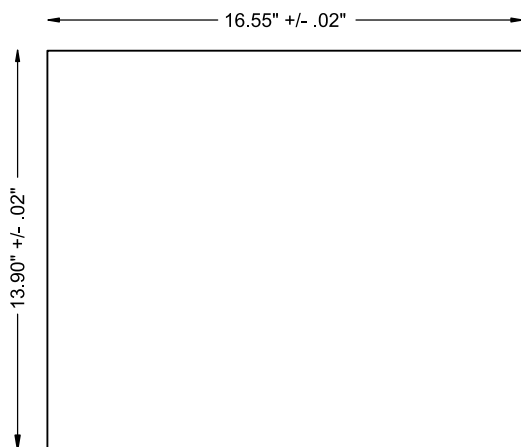
PRODUCT AND MOUNTING DIMENSIONS

5017T Unit Dimensions

| | |
|---------------------------|-------------------|
| Model | 5017T |
| Height | 17.36" (440.9 mm) |
| Width | 14.70" (373.4 mm) |
| Mounting Depth | 2.9" (73.66 mm) |
| Weight | 18 lbs (8.2 kg) |



5017T Cutout



All dimensions are in inches (mm).

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 | 0.006" peak to peak displacement 1.0g maximum acceleration | 0.015" peak to peak displacement 2.5g maximum acceleration |
| Altitude | Sea level to 10,000 ft. | Sea level to 40,000 ft. |

Electrical

| | |
|-----------------|--|
| Model | 5017T |
| AC power | 100 - 240V AC, 1A, 50/60 Hz, 49 W nominal* |
| DC Power | 18V DC - 30V DC @ 2.3 A maximum, 44 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

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

FCC

- 47 CFR, Part 15, Class A

Safety Agency Approvals:

- UL 508
- UL 1604 ^a
- CSA-C22.2, #142
- CSA-C22.2, #213 ^a

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



Warning: To maintain a safe condition, do not use the USB port when the unit is operating in the presence of a hazardous environment.

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 |
|--------------|---|
| 5017T-SER | 17-inch NEMA 4/4X/12 SXGA (1280 x 1024), 16-million color Class I & II, Div 2, color panel mount monitor with analog resistive touch screen and AC power input. Includes 10' VGA cable (Part #3000-CBL-10V), wireable AC input power receptacle, mounting hardware and documentation. |

5017T-

Touch Controller

-SER Serial RS-232 touch controller
 -USB USB 2.0 touch controller ^a

Power Supply

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

Bezel

blank Powder-coated Aluminum Bezel
 -S 303 Stainless Steel Bezel ^b

^a USB driver support for Windows 98, 2000, and XP only.

^b Screen adjustment buttons will be mounted on rear with Stainless Steel Bezel option.

Touchscreen Cables (ordered separately)

| Order Number | Description |
|--------------|--|
| 3000-CBL-03V | 3' (1 m) coaxial VGA cable; connects monitor to standard VGA card |
| 3000-CBL-10V | 10' (3 m) coaxial VGA cable; connects monitor to standard VGA card |
| 3000-CBL-25V | 25' (7.5 m) coaxial VGA cable; connects monitor to standard VGA card |
| 3000-CBL-50V | 50' (15 m) coaxial VGA cable; connects monitor to standard VGA card |
| CBL-SER03MF | 3' (1 m) serial communication cable, male to female |
| CBL-SER10MF | 10' (3 m) serial communication cable, male to female |
| CBL-SER25MF | 25' (7.5 m) serial communication cable, male to female |
| CBL-SER50MF | 50' (15 m) serial communication cable, male to female |
| CBL-USB-03AB | 3' (1 m) USB cable, type A to B |
| CBL-USB-10AB | 10' (3 m) USB cable, type A to B |
| CBL-USB-16AB | 16' (5 m) USB cable, type A to B |

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