

5019T Flat Panel Industrial Touch Monitor

19-inch TFT SXGA LCD

DS-501900(G)



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
- Analog Video (VGA) & Digital Video Input (DVI)
- Shallow mounting depth - only 2.85 inches deep
- Provision on the back of the monitor for a 100mm VESA mounting arm, or for mounting a 1300 Thin CLIENT or 1546 Node PC
- Simple installation using mounting clips - no studs
- 24V DC input power option
- Optional stainless steel bezel
- Up to 50' cables (VGA & Serial touchscreen only)
 - DVI Cables limited to 10' (3m) maximum
 - USB Touchscreen Cables limited to 16' (5m) maximum
- Ships standard with 10' VGA, 10' Serial RS-232, & USB Cables (DVI cable must be ordered separately)
- Front panel OSD controls, with rear lock-out switch
- NEMA 4/4X/12 front panel
- UL listed for Hazardous Locations: Class I, Division 2, Groups A, B, C, D; Class II, Division 2, Groups F and G; Temp. Code: T4A

Pro-face/Xycom's new 5019T (19") 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 5019T 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 5019T is certified for NEMA 4/4X/12 environments and meets UL Hazardous Location Class I & II, Division 2 requirements.

Superb Display Quality

The 5019T (19") 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 5019 to a Computer Workstation

The 5019T is designed to allow a Xycom 1300 Thin-CLIENT or 1546


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 5019T becomes a computer workstation.

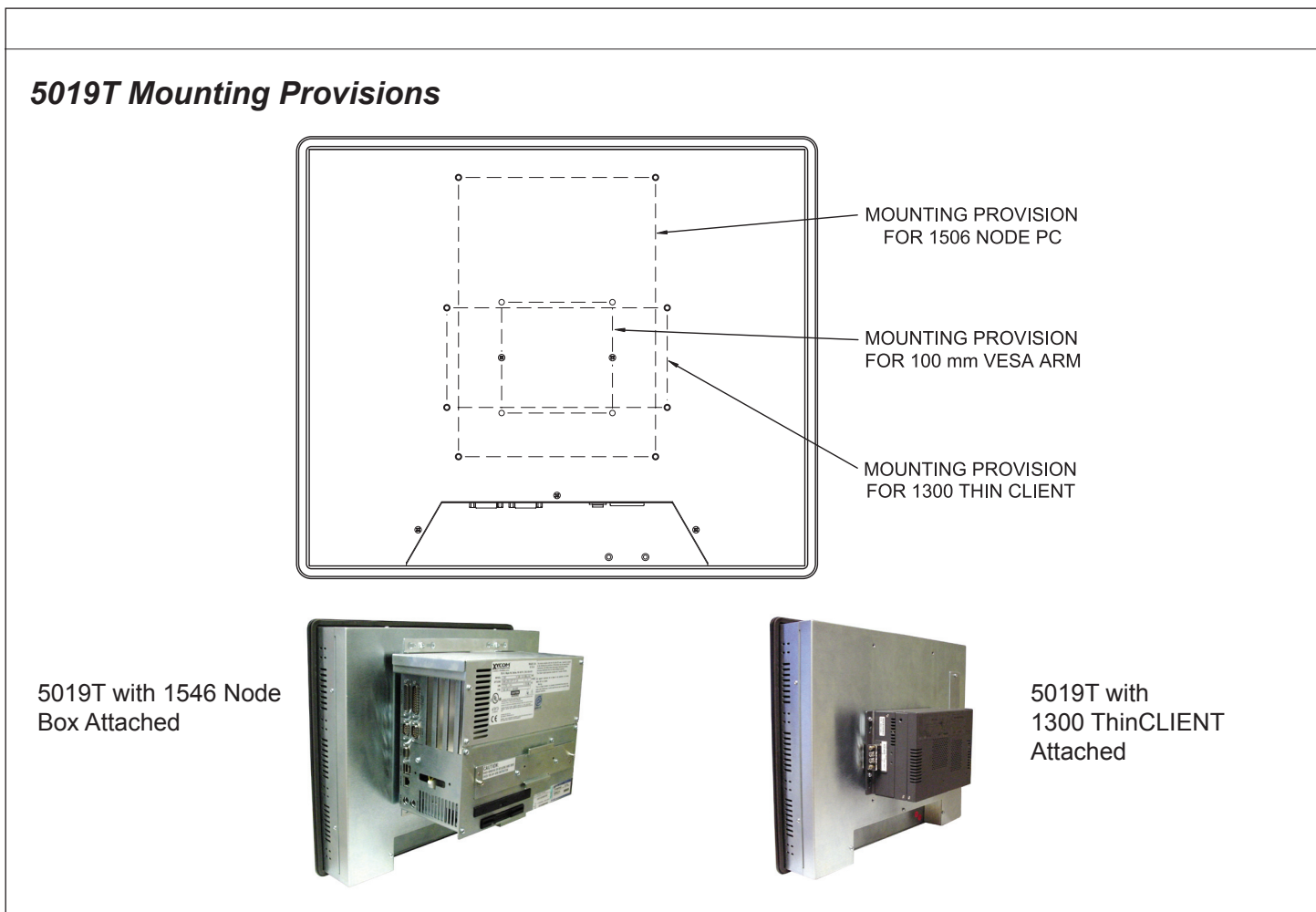
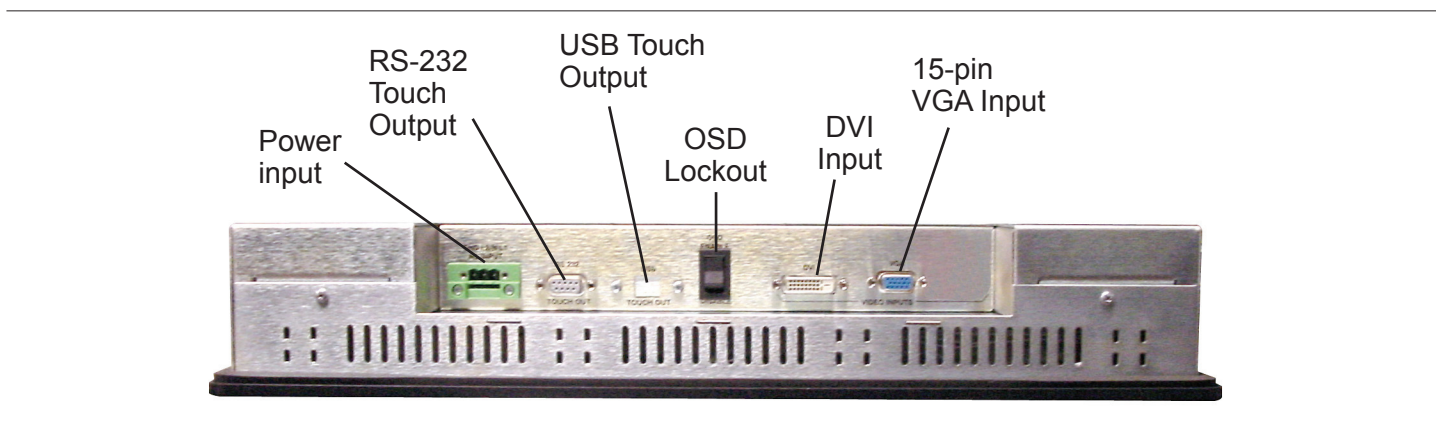
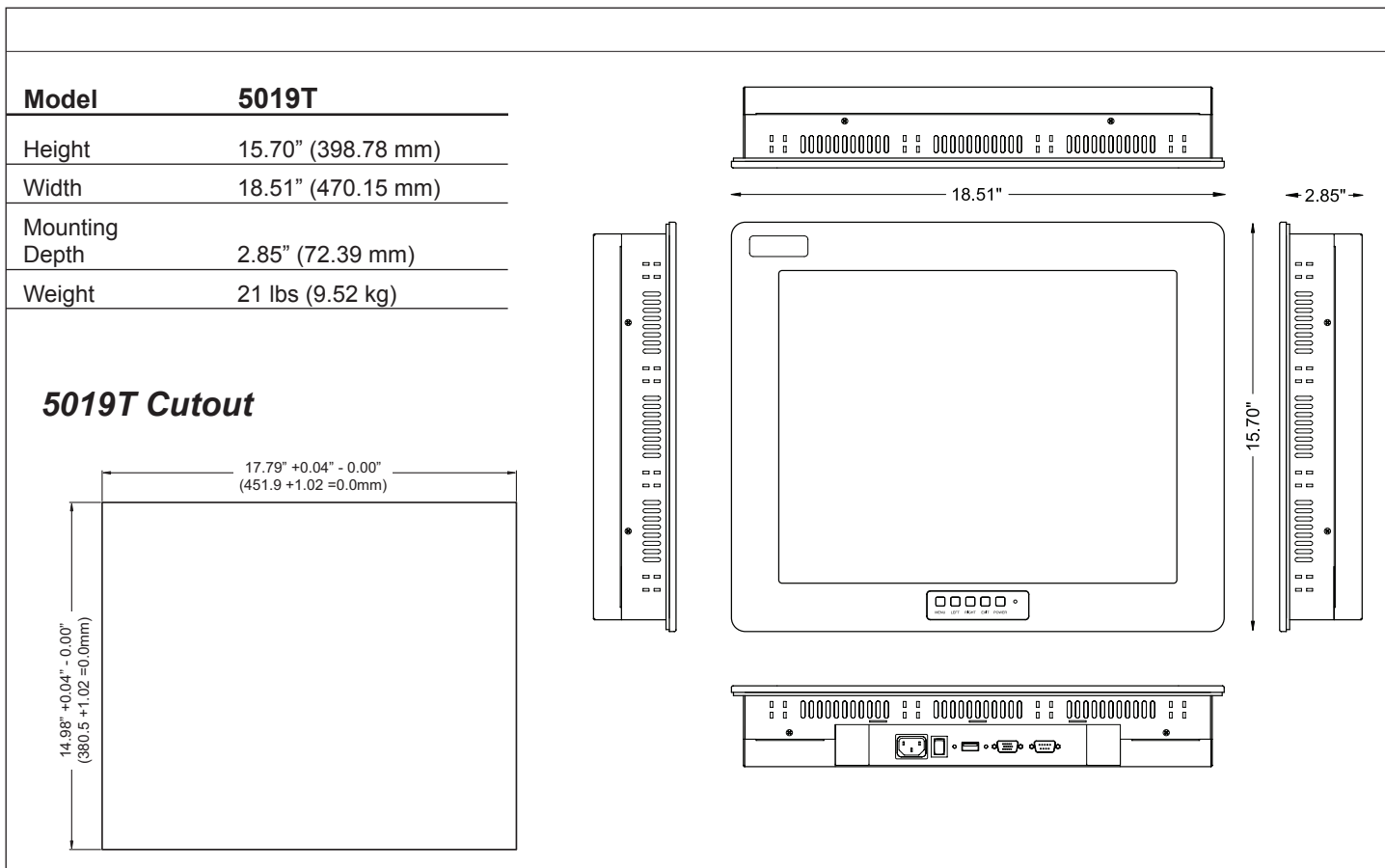
Fits Your Needs

Other features include Hazardous Location - UL Class I & II, Division 2 compliance; 100mm VESA arm mount provision; and front panel controls, with rear "lock-out" switch, for convenient set up and adjustment. Special

mounting clips make the installation of the flat panel monitor quick and simple.


The 5019T offers VGA video input and Digital Video Input (DVI). All units are shipped with 10-foot VGA and serial cables (DVI cable must be ordered separately). A field-wireable input power receptacle is provided for connection to AC power.

Model	5019T	
Display Size (Active Area H x W)	14.82" (376.32 mm) x 11.85" (301.056 mm)	
Resolution (1 pixel = R+G+B dots)	SXGA: 1280 x 1024	
Display Colors	16 million	
Brightness	300 Nit Typical	
Contrast Ratio	700:1 Typical	
Horizontal Viewing Angle	140° Typical	
Vertical Viewing Angle	130° Typical	
Backlight Life	50,000 Hours	



	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

Electrical		* Nominal Power is measured for a base configuration only. Any additional expansion and/or devices will increase the input power required.
AC power	100 - 240V AC, 0.8A, 50/60 Hz, 50 W nominal*	
DC Power	18V DC - 30V DC @ 2.4 A maximum, 53 W nominal*, inrush current = 22 A max @ 24 V DC	

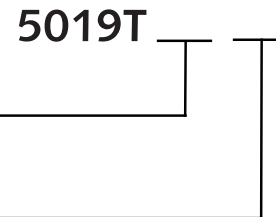
Regulatory Compliance	Safety Agency Approvals:	Front Panel
<ul style="list-style-type: none"> EN 55022: Class A EN 61000-6-2 EN 61000-3-2, Class A EN 61000-3-3 IEC 60950-1 	<ul style="list-style-type: none"> UL 508 UL 1604 ^a CSA-C22.2, #142 CSA-C22.2, #213 ^a 	<ul style="list-style-type: none"> NEMA 4/4X/12 and IP65
FCC		
<ul style="list-style-type: none"> 47 CFR, Part 15, Class A 	^a Class I Division 2, Groups A, B, C, D; Class II, Division 2, Groups F and G; Temp. Code: T4A	

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

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

Example Order Number

5019T 19-inch NEMA 4/4X/12 SXGA (1280 x 1024), 16-million color Class I Div 2, Class II Div 2, color panel mount monitor with analog resistive touch screen and AC power input. Includes 10' VGA cable and 10' RS-232 & USB touchscreen cable, wireable AC input power receptacle, mounting hardware and documentation.



Power Supply

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

Bezel

blank Powder-coated Aluminum Bezel
 -R Rack Mount Front Panel ^a
 -S 304 Stainless Steel Bezel ^b

^a When ordering the Rack Mount Front Panel option, the 5019 is not NEMA rated.

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

Touchscreen Cables (ordered separately)

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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Avertissement concernant la Proposition 65 de Californie—Plomb et composés de plomb

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