

M1700 Flat Panel Industrial Monitor

Offering unparalleled value and superb quality, the new **M1700** is a high performance 17" color TFT flat panel monitor specifically designed for harsh industrial environments including Class I & II, Division 2 Hazardous Locations.

The **M1700** accepts standard analog VGA input and can display all VESA video modes up to 1280 x 1024 with 16 million colors. An optional 5-wire analog touchscreen is available that offers both RS-232 and USB interface capability.

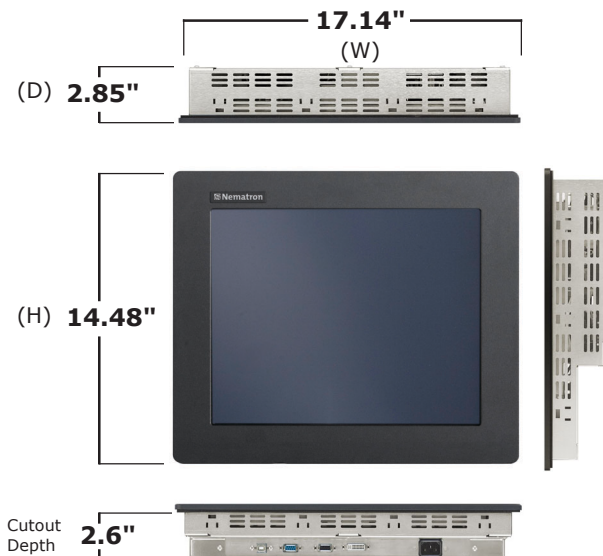
The **M1700** monitor is housed in a heavy duty steel chassis with a powder coated machined aluminum bezel. The monitor is certified to NEMA 4/4X/12 standards, is UL/CUL listed, meets CE requirements and is RoHS compliant.

Panel mounting is simplified using convenient mounting clips instead of conventional studs.

Options include: a 5-wire analog resistive touch screen, a 304 stainless steel bezel and 24 volt DC input power.

The **M1700** monitor is shipped with a power input wiring receptacle, VGA cable, touchscreen cable, mounting hardware, manual and driver software.

Dimensions



All unit dimensions shown in Inches.



Specifications

- 17" color TFT flat panel monitor
- UL 508 and UL 1604 listed for Hazardous Locations: Class I, Division 2, Groups A, B, C, D and Class II, Division 2, Groups F and G
- NEMA 4/4X/12 front bezel
- 2-Year warranty
- RoHS Compliant
- Integral 100-240 VAC power supply
- Simplified installation with no studs
- Thin design - Only 2.6" behind bezel
- Accepts analog 15-pin Video input
- VESA compliant - all modes up to SXGA, 16 million colors
- Optional 5-wire resistive touch screen with both RS-232 and USB interface
- Optional 304 stainless steel front bezel
- Optional 24 VDC input power



Technical Specifications

Display Size (Active Area H x V)	13.30" x 10.64"
Resolution	SXGA, 1280 x 1024
Display Colors	16 Million
VESA Modes Supported	All - Up to SXGA, 16M Colors
Brightness, Typical	250 Nit
Contrast Ratio, Typical	600:1
Horizon/Vertical View Angle, CR>5, Typical	160°/160°
Backlight Life	50,000 hrs, Minimum
Display Input Signal	Analog 15-Pin D-Sub, DVI
Touch Screen Option (RS232 and USB)	ELO AccuTouch, 5-wire
Dimensions (W x H x D)	17.14" x 14.48" x 2.85"
Cutout Dimensions (W x H)	16.35" x 13.70"
Weight	17.5 lbs
Input Voltage	100 - 240 VAC, 50/60 Hz
Input Current	1 A Maximum
Input Power	35 W
Operating Temperature	0°C to 50°C

Operating Humidity	20% to 80% RH, noncondensing
Operating Shock	15g peak acceleration, 11msec
Operating Vibration	0.006" peak to peak, 1g max 5-2000 Hz
Operating Altitude	Sea level - 10,000 feet
Front Panel NEMA Rating	NEMA 4/4X/12, IP65
FCC	47 CFR, Part 15, Class A
Regulatory Compliance	CE, EN 55022: Class A, EN 61000-3-3, EN 61000-6-2, IEC 60950-1
Safety Agency Approvals	UL 508 Listed, UL 1604 Listed*, cUL Listed CSA C22.2, #142, CSA C22.2, #143*
Warranty	2 Year
Ships With	AC Power Receptacle, Mounting Hardware, Drivers, and User Manual
Options	304 Stainless Bezel, 24 VDC Input Power, Touch Screen, DVI Cable

* Class I Division 2, Groups A, B, C, D; Class II, Division 2, Groups F and G: Temperature Code T4A

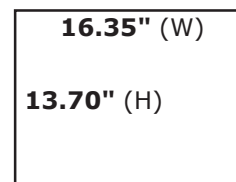
Ordering Information

M1700	17" NEMA 4/4X/12 Panel mount SXGA, TFT flat panel monitor. Ships with AC wiring receptacle, 6' 15-pin analog VGA cable, mounting hardware and operator's guide.
M1700T	17" NEMA 4/4X/12 Panel mount SXGA, TFT flat panel monitor with 5-wire analog resistive touch screen. Ships with AC wiring receptacle, 6' 15-pin analog VGA cable, 6' RS-232 cable, driver software, mounting hardware and operator's guide.

Options

-S	Machined 304 stainless steel front panel
-24	24 Volt DC input power

Cutout Dimensions



Accessories

CBL-10-VGA	15-Pin analog VGA cable, 10' length
CBL-25-VGA	15-Pin analog VGA cable, 25' length
CBL-50-VGA	15-Pin analog VGA cable, 50' length
CBL-10-RS232	Serial RS-232 touch screen cable, 10' length
CBL-25-RS232	Serial RS-232 touch screen cable, 25' length
CBL-50-RS232	Serial RS-232 touch screen cable, 50' length
CBL-10-USB	USB touch screen cable, 10' length

CBL-15-USB	USB touch screen cable, 15' length
CBL-2M-DVI	DVI (type D) video cable, 2 meters length
CBL-3M-DVI	DVI (type D) video cable, 3 meters length
MTG-CLIP	Mounting clip kit, includes 16 clips and screws
PWR-ADAPT	IEC 320 plug for field wiring AC power

M1500 Flat Panel Industrial Monitor

Offering unparalleled value and superb quality, the new **M1500** is a high performance 15" color TFT flat panel monitor specifically designed for harsh industrial environments including Class I & II, Division 2 Hazardous Locations.

The **M1500** accepts standard analog VGA input and can display all VESA video modes up to 1024 x 768 with 16 million colors. An optional 5-wire analog touchscreen is available that offers both RS-232 and USB interface capability.

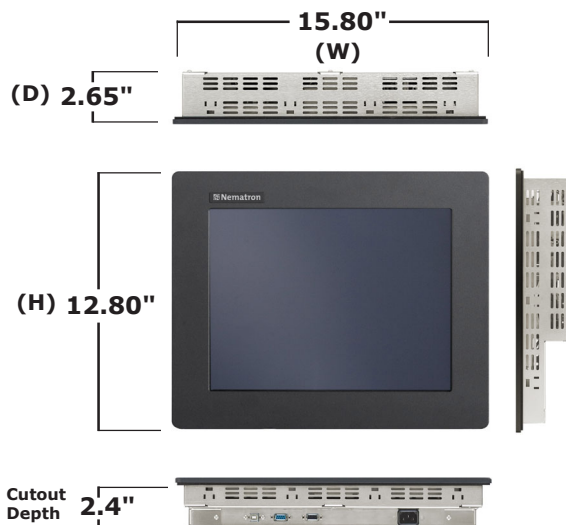
The **M1500** monitor is housed in a heavy duty steel chassis with a powder coated machined aluminum bezel. The monitor is certified to NEMA 4/4X/12 standards, is UL/CUL listed, meets CE requirements and is RoHS compliant.

Panel mounting is simplified using convenient mounting clips instead of conventional studs.

Options include: a 5-wire analog resistive touch screen, a 304 stainless steel bezel and 24 volt DC input power.

The **M1500** monitor is shipped with a power input wiring receptacle, VGA cable, touchscreen cable, mounting hardware, manual and driver software.

Dimensions



All unit dimensions shown in Inches.



Specifications

- 15" color TFT flat panel monitor
- UL 508 and UL 1604 listed for Hazardous Locations: Class I, Division 2, Groups A, B, C, D and Class II, Division 2, Groups F and G
- NEMA 4/4X/12 front bezel
- 2-Year warranty
- RoHS Compliant
- Integral 100-240 VAC power supply
- Simplified installation with no studs
- Thin design - Only 2.4" behind bezel
- Accepts analog 15-pin Video input
- VESA compliant - all modes up to SXGA, 16 million colors
- Optional 5-wire resistive touch screen with both RS-232 and USB interface
- Optional 304 stainless steel front bezel
- Optional 24 VDC input power



Technical Specifications

Display Size (Active Area H x V)	11.97" x 8.98"
Resolution	XGA, 1024 x 768
Display Colors	16 Million
VESA Modes Supported	All - Up to SXGA, 16M Colors
Brightness, Typical	250 Nit
Contrast Ratio, Typical	550:1
Horizon/Vertical View Angle, CR>5, Typical	160°/140°
Backlight Life	40,000 hrs, Minimum
Display Input Signal	Analog 15-Pin D-Sub
Touch Screen Option (RS232 and USB)	ELO AccuTouch, 5-wire
Dimensions (W x H x D)	15.80" x 12.80" x 2.65"
Cutout Dimensions (W x H)	15.00" x 12.00"
Weight	12.5 lbs
Input Voltage	100 - 240 VAC, 50/60 Hz
Input Current	0.5 A Maximum
Input Power	22.5 W
Operating Temperature	0°C to 50°C

Operating Humidity	20% to 80% RH, noncondensing
Operating Shock	15g peak acceleration, 11msec
Operating Vibration	0.006" peak to peak, 1g max 5-2000 Hz
Operating Altitude	Sea level - 10,000 feet
Front Panel NEMA Rating	NEMA 4/4X/12, IP65
FCC	47 CFR, Part 15, Class A
Regulatory Compliance	CE, EN 55022: Class A, EN 61000-3-3, EN 61000-6-2, IEC 60950-1
Safety Agency Approvals	UL 508 Listed, UL 1604 Listed*, cUL Listed CSA C22.2, #142, CSA C22.2, #143*
Warranty	2 Year
Ships With	AC Power Receptacle, Mounting Hardware, Drivers, and User Manual
Options	304 Stainless Bezel, 24 VDC Input Power, Touch Screen, DVI Cable

* Class I Division 2, Groups A, B, C, D; Class II, Division 2, Groups F and G: Temperature Code T4A

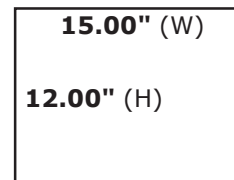
Ordering Information

M1500	15" NEMA 4/4X/12 Panel mount XGA, TFT flat panel monitor. Ships with AC wiring receptacle, 6' VGA cable, mounting hardware and operator's guide.
M1500T	15" NEMA 4/4X/12 Panel mount XGA, TFT flat panel monitor with 5-wire analog resistive touch screen. Ships with AC wiring receptacle, 6' VGA cable, 6' RS-232 cable, driver software, mounting hardware and operator's guide.

Options

-S	Machined 304 stainless steel front panel
-24	24 Volt DC input power

Cutout Dimensions



Accessories

CBL-10-VGA	15-Pin analog VGA cable, 10' length
CBL-25-VGA	15-Pin analog VGA cable, 25' length
CBL-50-VGA	15-Pin analog VGA cable, 50' length
CBL-10-RS232	Serial RS-232 touch screen cable, 10' length
CBL-25-RS232	Serial RS-232 touch screen cable, 25' length
CBL-50-RS232	Serial RS-232 touch screen cable, 50' length
CBL-10-USB	USB touch screen cable, 10' length

CBL-15-USB	USB touch screen cable, 15' length
CBL-2M-DVI	DVI (type D) video cable, 2 meters length
CBL-3M-DVI	DVI (type D) video cable, 3 meters length
MTG-CLIP	Mounting clip kit, includes 16 clips and screws
PWR-ADAPT	IEC 320 plug for field wiring AC power

M1900 Flat Panel Industrial Monitor

Offering unparalleled value and superb quality, the new **M1900** is a high performance 19" color TFT flat panel monitor specifically designed for harsh industrial environments including Class I & II, Division 2 Hazardous Locations.

The **M1900** accepts standard analog VGA input and can display all VESA video modes up to 1280 x 1024 with 16 million colors. An optional 5-wire analog touchscreen is available that offers both RS-232 and USB interface capability.

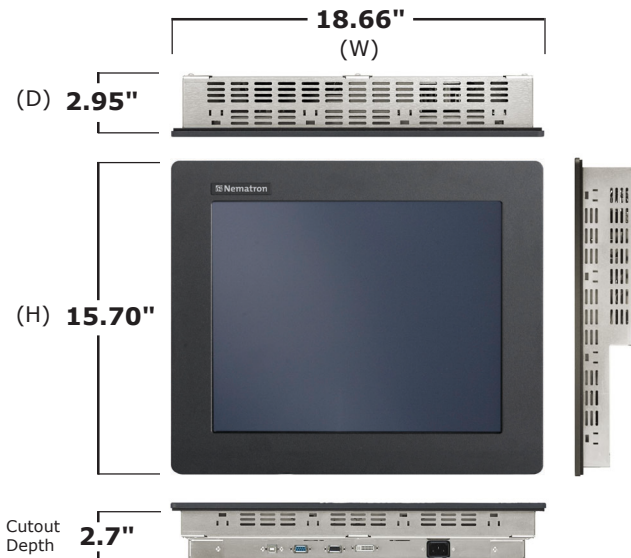
The **M1900** monitor is housed in a heavy duty steel chassis with a powder coated machined aluminum bezel. The monitor is certified to NEMA 4/4X/12 standards, is UL/CUL listed, meets CE requirements and is RoHS compliant.

Panel mounting is simplified using convenient mounting clips instead of conventional studs.

Options include: a 5-wire analog resistive touch screen, a 304 stainless steel bezel and 24 volt DC input power.

The **M1900** monitor is shipped with a power input wiring receptacle, VGA cable, touchscreen cable, mounting hardware, manual and driver software.

Dimensions



All unit dimensions shown in Inches.



Specifications

- 19" color TFT flat panel monitor
- UL 508 and UL 1604 listed for Hazardous Locations: Class I, Division 2, Groups A, B, C, D and Class II, Division 2, Groups F and G
- NEMA 4/4X/12 front bezel
- 2-Year warranty
- RoHS Compliant
- Integral 100-240 VAC power supply
- Simplified installation with no studs
- Thin design - Only 2.7" behind bezel
- Accepts analog 15-pin Video input
- VESA compliant - all modes up to SXGA, 16 million colors
- Optional 5-wire resistive touch screen with both RS-232 and USB interface
- Optional 304 stainless steel front bezel
- Optional 24 VDC input power



Technical Specifications

Display Size (Active Area H x V)	14.82" x 11.85"
Resolution	SXGA, 1280 x 1024
Display Colors	16 Million
VESA Modes Supported	All - Up to SXGA, 16M Colors
Brightness, Typical	270 Nit
Contrast Ratio, Typical	800:1
Horizon/Vertical View Angle, CR>5, Typical	178°/178°
Backlight Life	40,000 hrs, Minimum
Display Input Signal	Analog 15-Pin D-Sub, DVI
Touch Screen Option (RS232 and USB)	ELO AccuTouch, 5-wire
Dimensions (W x H x D)	18.66" x 15.70" x 2.95"
Cutout Dimensions (W x H)	17.75" x 14.90"
Weight	21 lbs
Input Voltage	100 - 240 VAC, 50/60 Hz
Input Current	1 A Maximum
Input Power	40 W
Operating Temperature	0°C to 50°C

Operating Humidity	20% to 80% RH, noncondensing
Operating Shock	15g peak acceleration, 11msec
Operating Vibration	0.006" peak to peak, 1g max 5-2000 Hz
Operating Altitude	Sea level - 10,000 feet
Front Panel NEMA Rating	NEMA 4/4X/12, IP65
FCC	47 CFR, Part 15, Class A
Regulatory Compliance	CE, EN 55022: Class A, EN 61000-3-3, EN 61000-6-2, IEC 60950-1
Safety Agency Approvals	UL 508 Listed, UL 1604 Listed*, cUL Listed CSA C22.2, #142, CSA C22.2, #143*
Warranty	2 Year
Ships With	AC Power Receptacle, Mounting Hardware, Drivers, and User Manual
Options	304 Stainless Bezel, 24 VDC Input Power, Touch Screen, DVI Cable

* Class I Division 2, Groups A, B, C, D; Class II, Division 2, Groups F and G: Temperature Code T4A

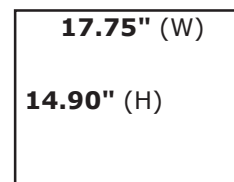
Ordering Information

M1900	19" NEMA 4/4X/12 Panel mount SXGA, TFT flat panel monitor. Ships with AC wiring receptacle, 6' 15-pin analog VGA cable, mounting hardware and operator's guide.
M1900T	19" NEMA 4/4X/12 Panel mount SXGA, TFT flat panel monitor with 5-wire analog resistive touch screen. Ships with AC wiring receptacle, 6' 15-pin analog VGA cable, 6' RS-232 cable, driver software, mounting hardware and operator's guide.

Options

-S	Machined 304 stainless steel front panel
-24	24 Volt DC input power

Cutout Dimensions



Accessories

CBL-10-VGA	15-Pin analog VGA cable, 10' length
CBL-25-VGA	15-Pin analog VGA cable, 25' length
CBL-50-VGA	15-Pin analog VGA cable, 50' length
CBL-10-RS232	Serial RS-232 touch screen cable, 10' length
CBL-25-RS232	Serial RS-232 touch screen cable, 25' length
CBL-50-RS232	Serial RS-232 touch screen cable, 50' length
CBL-10-USB	USB touch screen cable, 10' length

CBL-15-USB	USB touch screen cable, 15' length
CBL-2M-DVI	DVI (type D) video cable, 2 meters length
CBL-3M-DVI	DVI (type D) video cable, 3 meters length
MTG-CLIP	Mounting clip kit, includes 16 clips and screws
PWR-ADAPT	IEC 320 plug for field wiring AC power