

## 5015SLR Sunlight Readable Flat Panel Monitor

DS-5015SLR(B)



- ### FEATURES
- **Sunlight Readable, 1200 Nits Display**
  - State of the art 15" TFT XGA color LCD supporting resolutions up to 1024 x 768
  - Sophisticated scaling engine produces excellent full screen images in all common VESA modes automatically
  - Analog resistive touchscreen and driver software (USB or Serial connections available - only one cable can be used at a time)
  - Cutout compatible with 5015T/R2 cutout
  - Shallow mounting depth
  - Powder coated aluminum front bezel (stainless steel front bezel optional)
  - Auto dimming feature with stainless steel bezel
  - Provision for 75mm VESA arm mounting on back of monitor
  - Simple installation using mounting clips - no studs
  - Up to 50' cables (10' USB and Serial touchscreen cables included)
  - NEMA 4/4X/12 front panel
  - 100-240 VAC power supply - 24 VDC optional
  - UL, cUL & CE approved
  - 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
  - 1 year warranty

*Pro-face/Xycom's 5015SLR Sunlight Readable 15" industrial flat panel touch monitor offers state-of-the-art performance and features at a very competitive price.*

### Sunlight Readable

The 5015SLR delivers superb display quality up to 1024 x 768 (XGA) resolution with a color depth of 16 million colors while being able to be used in very high ambient light conditions. The 1500 Nit LCD display coupled with a resistive touchscreen containing integrated films that attenuate UV light and allows transmission of visible light make the 5015SLR ideal for many applications either indoors or outdoors which require usability in direct sunlight.

### Analog Resistive Touchscreen

Many available sunlight readable flat panel monitors utilized capacitive or Near Field Imaging (NFI) touchscreens to provide adequate clarity and UV protection. Coupled with these types of touchscreens are issues with the lack of being able to use a gloved hand or inoperability when water is pooled on the unit. Pro-face/Xycom has chosen an analog resistive touchscreen that eliminates these issues completely. Integrated with this touchscreen is a very durable thin layer of glass on the external

surface that protects the touchscreen from excessive wear when utilized in harsh environments. The touchscreen also incorporates UV protective layers that protect the LCD from the harmful rays of the sun, much like sun block with a high SPF factor for your skin. This makes the 5015SLR ideal for many applications, such as an oil platform, shipboard, or outside informational Kiosks.

### High Standards

The 5015SLR meets all the environmental standards expected of a Pro-face/Xycom Heavy-Duty industrial product. It can be used in an operating temperature range of 0°C to 50°C and is documented and tested to be NEMA 4/4X/12 compliant. The 5015SLR is standard with UL, cUL, and CE compliance and is also approved for use in Class I Division 2 or Class II Division 2 hazardous locations without the need for purging. Simply mount the 5015SLR in a NEMA sealed enclosure and it can be utilized in applications requiring hazardous locations approvals.

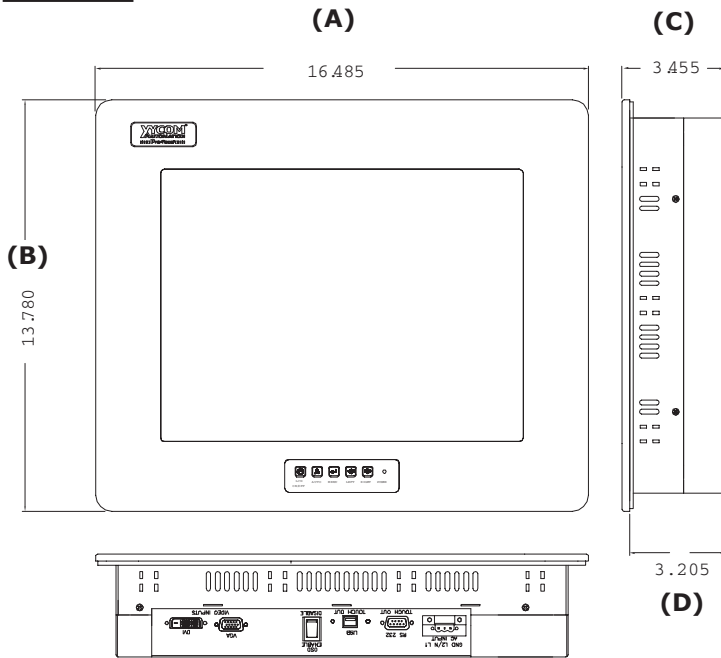
The 5015SLR can be operated using a DVI or analog VGA video connection and allows for the use of either USB or Serial RS-232 for the touchscreen interface. The unit ships with 10 foot USB and Serial touchscreen cables (only one can be used at a time). It also ships with a 10 foot VGA video cable; DVI cables up to 10 foot are available as an optional item. Cables up to 50 foot are available for RS-232 and VGA.

### Cutout Compatibility

The 5015SLR mounts in the standard 5015T/R2 cutout allowing the choice of sunlight readable or not in an application without altering the enclosure. Both units mount easily in the same cutout using the included mounting clips.

## PRODUCT DIMENSIONS AND DISPLAY SPECIFICATIONS

**5015SLR**



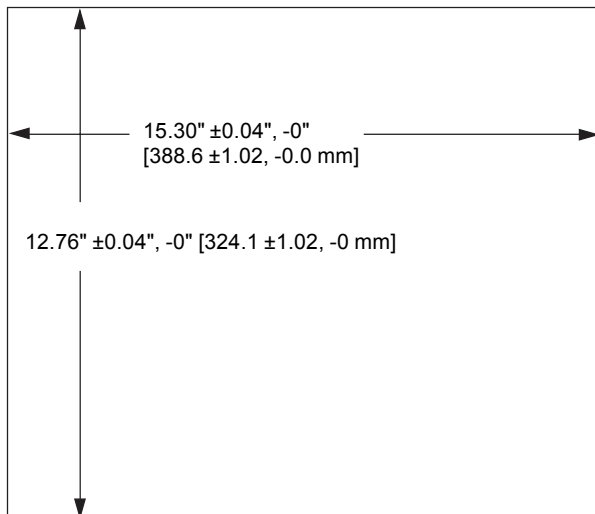
### 5015SLR Unit Dimensions

5015SLR	
Width (A)	16.485" (418.7 mm)
Height (B)	13.78" (350 mm)
Depth (C)	3.455" (87.8)
Mounting Depth (D)	3.205" (81.4 mm)
Weight	22 lbs (10.0 kg)

### 5015SLR Display Specifications

Display Size (Active Area H x V)	11.97" X 8.98" (304.1 mm) X (228.1 mm)
Resolution	XGA: 1024 x 768
Display Colors	16M
Brightness	1200 Nit Typical LCD
Contrast Ratio	350:1 Typical
Horizontal Viewing Angle	120°
Vertical Viewing Angle	100°
Backlight Life	50,000 Hours

## PRODUCT CUTOUT DIMENSIONS

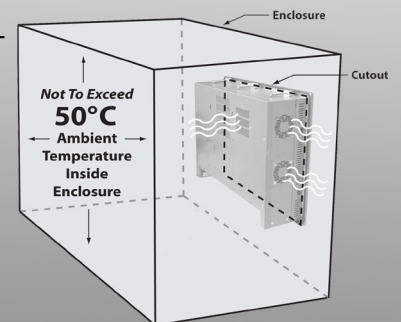


### Temperature Specifications

When installing your 5015SLR 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.

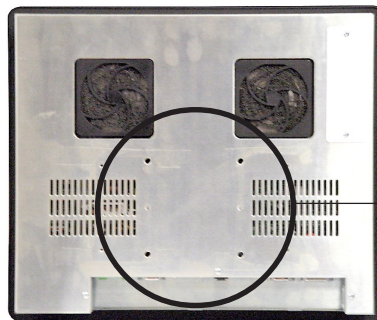
Even though the 5015SLR is a very compact unit care still needs to be exercised when installing the 5015SLR into an undersized enclosure. Consult your enclosure manufacturer for proper sizing and/or cooling options.

The product specifications and ratings section of this datasheet contains the information your enclosure manufacturer will require.



## MOUNTING OPTIONS

The 5015SLR is designed to be mounted directly in an equipment panel or enclosure without special mounting plates or brackets. It can also be mounted to an articulating arm or stand using the 75 mm VESA arm mounts on the rear of the unit (see image below). An optional rack mount adapter plate is also available (RM5015T/R2).



75 mm VESA Arm

## PRODUCT SPECIFICATIONS AND RATINGS

### Environmental

	Operating	Nonoperating
<b>Thermal</b>	0°C to 50°C (32° TO 122°F)	-20°C to 60°C (-4° to 140°F)
<b>Humidity</b>	20% to 80% RH, noncondensing	20% to 80% RH, noncondensing
<b>Shock</b>	15g peak acceleration, 11 msec duration	30g peak acceleration, 11 msec duration
<b>Vibration</b>	0.006" peak to peak displacement	0,015" peak to peak displacement
<b>5-2000 Hz</b>	1.0g maximum acceleration	2.5g maximum acceleration
<b>Altitude<sup>a</sup></b>	Sea level to 10,000 ft. (3,048 m)	Sea level to 40,000 ft. (12,192 m)

<sup>a</sup> Consistent with internal component specifications.

### Electrical

<b>AC Power</b>	100 - 240 VAC, 1.0 Amp (maximum), 50-60 Hz, 70 Watts nominal <sup>†</sup>
<b>DC Power</b>	19- 30 VDC, 3.5 Amp (maximum), 66.5 Watts nominal <sup>†</sup>

<sup>†</sup> Nominal power is measured for a base configuration only. Any additional expansion and/or devices will increase the input power required.

### Compliance

#### Regulatory Compliance

##### CE

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

##### FCC

- 47 CFR, Part 15, Class A

#### Safety Agency Approvals

##### UL

- UL 508 Listed
- UL 1604 Listed<sup>a</sup>

##### CUL

- CSA-C22.2, #142 Listed
- CSA-C22.2, #213 Listed<sup>a</sup>

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

#### Front Panel

- NEMA 4/4X/12, IP65



Product certification documentation available at:  
[www.profaceamerica.com/certifications](http://www.profaceamerica.com/certifications)

## 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
5015SLR	15-inch NEMA 4/4x/12 Sunlight Readable Industrial flat panel TFT XGA (1024 x 768) color monitor with resistive touchscreen. 10' USB and Serial touchscreen cables, mounting hardware, documentation and touchscreen drivers.
5015SLR-SS	15-inch NEMA 4/4x/12 Sunlight Readable Industrial flat panel TFT XGA (1024 x 768) color monitor with resistive touchscreen, stainless steel front panel, 10' USB and Serial touchscreen cables, mounting hardware, documentation and touchscreen drivers. (OSD functions located on rear of unit.) Auto dimming feature provided with stainless steel module.

### 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
3000-USB-16AB	16 ft. (5 m) USB touch cable
CBL-DVID10MM	10 ft. (3 m) DVI Digital Video Cable

### Adapter Plates for 5015SLR Monitors

Order Number	Description
MTG-RM5015T/R2	Adapter panel for mounting 5015T/R2 or 5015SLR (NOT 5015T) in 19" rack. Panel measures 14.00" (8U) in height.

**Important Notice for XP configurations:** Certain Microsoft® software product(s) included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft's privacy policy will be detailed

**Warranty Information**  
The 5015SLR carries a one-year parts & labor warranty.

#### Pro-face America

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For more information

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[www.profaceamerica.com](http://www.profaceamerica.com)

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# California Proposition 65 Warning—Lead and Lead Compounds

## Advertencia de la Proposición 65 de California—Plomo y compuestos de plomo

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

**⚠ WARNING:** This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**⚠ ADVERTENCIA:** Este producto puede exponerle a químicos incluyendo plomo y compuestos de plomo, que es (son) conocido(s) por el Estado de California como causante(s) de cáncer y defectos de nacimiento u otros daños reproductivos. Para mayor información, visite : [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**⚠ AVERTISSEMENT:** Ce produit peut vous exposer à des agents chimiques, y compris plomb et composés de plomb, identifiés par l'État de Californie comme pouvant causer le cancer et des malformations congénitales ou autres troubles de l'appareil reproducteur. Pour de plus amples informations, prière de consulter: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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