# LCDR7U15-H02    15" Sunlight Readable High Bright 7U Rack Mount Display

This 15.0" Sunlight Readable High Bright flat panel display is designed to be placed in a variety of industrial and process control environments requiring a IP20 rack mount display with native XGA resolution. The display is auto sync compatible with most PC's video standards and satisfy a wide variety of industrial control and man-machine interface applications.

*If a KVM extender or video amplifier is being used, please inquire about compatibility.*

## FEATURES

- 15" Very Bright Active Matrix Sunlight Readable TFT Display; 1500 nits (cd/m2)
- Mounting provisions for 19" wide rack cabinet
- Front Bezel is 7U (units) High
- High-Luminance Solid-State LED-enhanced Backlighting
- Optical Bonding of Protective Window (or Touch Screen) Directly to the Front Surface of the LCD Face
- Integration of light management films
- Rugged Black Powder-Coated Aluminum Chassis
- Thermal Management Design
- A multitude of Video Inputs: HD15(F), BNC, S-video
- High Contrast Ratio & Definition, Outstanding Vivid Color & Image Quality
- Wide Color Gamut
- 16.8 Million Colors
- Energy Efficient, Low Power Consumption
- High Environmental Performance and Reliability
- Anti-Reflective Protective Window
- XGA (1024 x 768) Resolution
- Wide Operational Temperature Range, -10°C to +50°C (14°F to +122°F) (optional extended temperature ranges available)
- RoHS Compliant
- **Engineered, Fabricated and Assembled in the USA** 🇺🇸

## Specifications

**Display Size**
15.0 Inch

**Panel Type**
TFT Active

**Native Resolution**
XGA

**Native Pixel Format**
1024 x 768

**Optical Bonding**
Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity

**Pixel Pitch**
.297mm (w) x .297mm (h)

**Active Display Area**
11.973"(w) x 8.979"(h)
304.12mm( w) x 228.09mm (h)

**Viewing Angle**
LEFT/RIGHT: 80°/80°
UP/DOWN: 80°/60°

**Contrast Ratio**
600:1 Typical

**Brightness**
1500 Nits (cd/m2)Typical

**Back Light**
70,000 Hours Typical

**Colors Supported**
16.7M

**Rear Chassis Construction**
16 gauge aluminum

**Bezel Finish**
Black Powder Coat
Cold Rolled Aluminum

**Input Connectors**
HD15(F), Mini Din 4-way (S-Video), Composite (BNC), DVI
Optional:
HD15(M) to 5xBNC(F) Interface Cable

**Video Input**
Analog 0.7Vp-p / 75 ohm, Digital, NTSC/PAL

**Sync**
TTL Separate H&V,
Combined, SOG

**Power Source**
90-264VAC Universal
Optional:
12VDC@ 2.25A

**Power Consumption**
27 Watts
4 Watts Sleep Mode

**Temperature**
Operating:   -10°C to 50°C (14° to 122°F)
Storage: -20 to 60°C (-4° to 140°F)
Optional Operating: -20ºC or -40ºC (-4° or -40°F)

**Humidity**
Operating: 10 to 95%NC
Storage: 10 to 95%NC

**Altitude**
Operating: up to 10,000 ft
Storage: up to 40,000 ft

**Rack Bezel Dimensions**
18.984"(w) x 12.22"(h) x 2.56"(d) (7U)
482.2(w) x 310.4mm(h) x 65.2mm(d)

**Weight**
Unit: 16.2 lbs / 7.36 kg

## Options

Touch Screen: Resistive Touch, Capacitive Touch, or **Sirius Touch**

90-264V AC Power standard, (optional 12V DC, 24V DC or 9-36V DC available)

Extended Operational Temperature Range down to -20°C (-4°F) or -40°C (-40°F)

+70°C when using optional 9 to 36V DC power

Impact Resistant Protective Windows

Manual Full-Range Dimming Controls down to true black

Automatic Dimming Sensor

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