

# Survivor-LightLink SV-M15

## Class I, Division 1 and 2 Enclosed Monitor



### Description

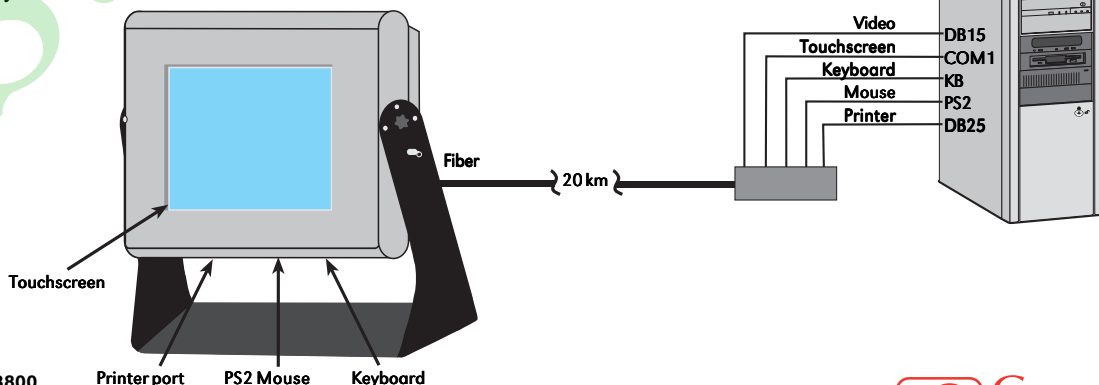
The SV-M15 is the first Class I, Division 1 and 2-compliant flat panel CRT replacement that is connected to its host computer via fiber optics. All signals including video, RS-232 (for touchscreen data), PS2 mouse and keyboard are transmitted over a single pair of eye-safe fiber optic cables. Benefits of using fiber optic as the communication medium include:

- The display, keyboard, mouse and printer can be up to 20 kilometers from the host computer.
- The signal is so low power that it is considered intrinsically safe.
- Only two small cables are necessary.

The system comprises a small transmitter/receiver box mounted at the host computer, and a display system consisting of the display, touchscreen and associated interface electronics. The 15" AMTFTLCD is available with a sunlight-readable 900-nit Ultra-HiBrite option for outdoor applications. Resistive and infrared touchscreen options are offered to allow you to choose the best match for your application.

The SV-M15 is housed in an attractive enclosure that is designed to dissipate heat adequately. The enclosure is available in either stainless steel or painted formed aluminum. A mounting yoke allows pedestal, wall, or hanging mount. A keyboard tray with an industrial keyboard/mouse is also available.

The SV-M15 is designed to meet Class I, Division 2 (non-incendive) code requirements, and Class I, Division 1 with the addition of an optional Type X purging system.



### Specifications

- System dimensions 18.3" (W) x 13.5" (H) x 4.2" (D)  
465 mm x 343 mm x 107 mm
- Display 15" 1024x768, 256k color AMTFT LCD  
Part Number SH45; H945 900-nit optional
- Viewing area 12" (W) x 9" (H), 15" diagonal  
305 mm x 229 mm
- Linear expansion Resizing to fill entire screen for:  
640x350 mode, 640x400 mode,  
640x480 mode, and 800x600 mode
- Power Display and transceiver unit 110-220 VAC
- Electronics LCD and backlight inverter; analog-to-digital  
video converter board; standard male  
DB15 video interface
- Cable 6' video cable provided to connect to CRT  
controller; other lengths available
- Operating temp. 0-50°C

### Options

- Enclosure -SS Stainless steel (NEMA 4X)  
-AL Formed aluminum (NEMA 4)
- Display -SH45 standard; -H945 900-nit optional
- Touch -CR7 Infrared  
-CN7 Resistive
- Mount -P Pedestal mount  
-W Wall mount  
-H Hanging mount
- Keyboard/mouse -KB Industrial keyboard/mouse on  
mounting tray
- Purge -XP Type X purge

### Ordering Information

**SV-M15-<Enclosure>-<Display>-<Touch>-<Mount>-  
<Keyboard>-<Purge>**

Example: SV-M15-SS-H945-CR7-P-KB

"Survivor-LightLink" monitor in a stainless steel enclosure. Includes Ultra-HiBrite H945 with IR touchscreen. The system is designed to meet Class I Division 2 (non-incendive) code requirements and is configured with a pedestal mount and industrial keyboard/mouse.