



# 18.5" Sunlight Readable LCD "KIT" Wide Format FHD 1080P LCD

## Model SRD-185-KIT

Model SRD-185-KIT LCD monitor is a versatile LCD 'kit' and utilizes the latest 18.5" FHD 1080P Flat Panels. AbraxSys has added a versatile Analog-Digital interface board, backlight LED driver, and OSD controls. Most users need industrial LCD monitors with some sort of metal housing, be it VESA mountable or Panel Mountable. However, there are many applications whereby space is very limited or the client has its own uniquely designed enclosure. In such cases, the LCD display need will only require just a 'kit' where there is more flexibility for mounting all of the components. These complete, ready-to-use LCD solutions are composed of parts that we keep in stock for immediate shipping/availability.




- |  |              |  |          |
|--|--------------|--|----------|
|  | HDMI         |  | VGA      |
|  | DVI          |  | NTSC-PAL |
|  | Display Port |  | SDI      |

# Technical Specifications

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## General

**Model:**  
SRD-185-KIT

**Display Size**  
18.5"

**Display Type**  
Long-Life Industrial Grade LCD

**Backlight Technology**  
Long-Life Industrial Grade Active Matrix TFT LCD

**Optical Films Enhancements**  
Boosts efficiency of the backlight's light utilization and minimizes the surface reflection of ambient light. The result is a transmissive enhancement that features higher contrast and a wider range of colors, even in bright outdoor light, than traditional reflective LCDs.

**Brightness**  
1500 nits (cd/m<sup>2</sup>)

**Dimming Capabilities**  
Deep Dimming Down to Black

**Contrast Ratio**  
1000:1

**Aspect Ratio**  
16:9

**Resolution**  
1920 x 1080 (1080p)

**Colors Supported**  
16.7M (8-bit/color)

**Viewing Angles**  
-88° to 88° Vertical  
-88° to 88° Horizontal

**Video Inputs**  
DVI, HD15 (VGA), HDMI, DisplayPort, 4-Composite/NTSC-PAL, S-Video, SDI

**Optical Bonding**  
Optical Bonding

**Protective Window**  
3mm Hardened Protective Window, for more information [CLICK HERE](#) (also available various optional Touch Screen Technologies)

**Power Types**  
90 VAC to 264 VAC; 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC

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## Physical Attributes

**Sunlight Readability**  
The latest optical technology for high ambient light condition

**Warranty Period**  
3 Years

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## Environmental

**Sunlight Readability**  
The latest optical technology for high ambient light conditions

**Operating Temperature Range**  
-30°C to 70°C (-22°F to 158°F)

**Storage Temperature**  
-30°C to 70°C (-22°F to 158°F)

**RoHS Compliant**  
Yes

## Additional Add-On Options

### Touch Screen Technology:

#### Resistive

#### Projected Capacitive (PCAP) - Multi-Touch

#### Hardened Armored Touch Technology

#### Video Input Options

DVI, HD15 (VGA), DisplayPort, HDMI, Composite, S-Video, HD-SDI, and/or NTSC-PAL

### Custom Video Modes

#### Dimming Capabilities

User Keypad (standard); Optional: Manual Full-Range, Automatic Dimming, or Remote Dimming

#### Extended Operational Temperature Ranges

#### Power Type Choices

90 VAC to 264 VAC; 12V DC; 24V DC; 9 to 36V DC; or 20 to 53V DC

### Optical Bonding

#### Customization Services

#### Conformal Coating of all Internal Circuit Boards

#### Custom Boot-up Splash Screen

# Mechanical Drawings

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*These technical and mechanical resources are subject to change without notice.*



**AbraxSys**  
RUGGED LCD SOLUTIONS

(800) 883-9050

[info@abraxsyscorp.com](mailto:info@abraxsyscorp.com)

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

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6161 Keller's Church Road, Units 6151B, 6161A, 6161B, 6171A & 6171B  
Pipersville, Pennsylvania 18947 U.S.A.