

APH8185

18.5" sunlight-readable display with 1920 x 1080 FHD resolution, VGA + HDMI(no speaker) input, panel or VESA mount, 12VDC power input, and an IP65-rated aluminum front bezel.

- ▶ 18.5" high brightness industrial LCD monitor
- ▶ Supports Full HD (1920 x 1080) native resolution
- ▶ 1000-nits high brightness sunlight readable display
- ▶ VGA + HDMI(no speaker) video input
- ▶ Option for S-Video + Composite
- ▶ Panel or VESA (75mm / 100mm) mount ready
- ▶ -10°C to 55°C wide range working temperature
- ▶ 12V DC power input with external AC power adapter



Description

The APH8185 is an 18.5" high brightness sunlight readable monitor supporting 1920 x 1080 FHD resolution, 1000-nits high brightness display, and VGA + HDMI(no speaker) video input. Designed for harsh environments, the display features an IP65-rated aluminum front bezel, an I/O cover for safety and dustproof protection, and a wide working temperature range from -10°C to 55°C. Options are available for a Resistive or Capacitive touch screen and S-Video + Composite video input.

Technical Specifications

SPECIFICATION	VALUE
Material	IP65 rated aluminum front bezel
LCD Panel	Size: 18.5 inch Max Resolution: 1920 x 1080 Brightness (cd/m ²): 1000 Contrast Ratio (typ.): 1000:1 Viewing Angle (H/V): 178° x 178° Active Area (mm): 409.8 x 230.4 Pixel Pitch (mm): 0.3 x 0.3 Colors: 16.7M, 6 bits + FRC Backlight: LED
Video input	VGA + HDMI(no speaker) video input Option for VGA + DVI + S-Video + Composite Option for VGA + DVI

Specifications subject to change without notice.

OSD menu control	OSD Input: 5-key OSD buttons OSD function: Contrast, Color, Position, Auto-adjustment, Factory Setting
Touch screen (Option)	Resistive or Capacitive touch screen - USB
Connector	1 x VGA D-Sub 15 pin 1 x DVI-I input 1 x HDMI (no speaker) input (Option) 1 x S-Video, Composite (Option) 1 x USB for touch screen (Option) 1 x DC input w/ external power adapter
Mounting Type	Panel mount or VESA (75 x 75mm / 100 x 100mm) mount
Power supply	Input: 12V DC power input with external AC power adapter Consumption: 20 W typical, normal operation
Weight	17.64 lb / 8.0 kg
Dimension	17.73"(W) x 10.85"(H) x 1.07"(D)
Environmental	Operating Temperature: -10°C to 55°C Storage Temperature: -30°C to 80°C Relative Humidity: 10~95%, non-condensing Shock: 15G acceleration (11 ms duration) Vibration: 5~500Hz / 1 Grms / 3 Axis

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