Sunlight Readable Panel Mount High Brightness LCD

Industrial LCD Monitor - with Aluminum Front Bezel

Industrial IP65 front Aluminum Front Panel Mount Metal Housing High Brightness Glass. 21.5" LCD 1920x1080 1000nits 1000:1 with HDMI +VGA+ DVI input, Power Consumption 62 Watts, Rear OSD, including Clamp/VESA Mount. Gasket is not included. Front OSD membrane with "Up" and "Down" to Control Brightness directly + PCAP Touch with USB Controller Dual touch for Window.

1000 nils

Model: YPMW2150HB-F-PCAP

FEATURES:

- Sunlight Readable.
- Color Active Matrix Liquid Crystal Display.
- FULL HD (1920 x 1080)
- Suitable for military, tablet, ruggedized PC, kiosk, advertising, POS, marline, transportation, gaming, gas pump.

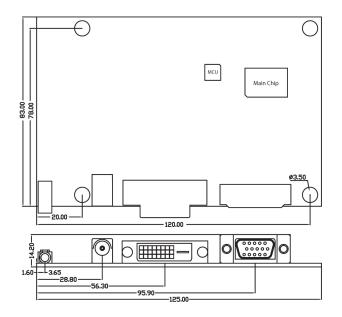
System Specifications

Panel Type 21.5-inch TFT LCD Screen Diagonal 21.5-inch Active Display Area (mm) 476.64 (H) x 268.11 (V) Pixel Pitch (um) 248.25 x 248.25 Number of Pixels 1920 x 1080 Contrast Ratio 1000: 1 Color Arrangement R.G.B. Vertical Stripe Brightness (cd/m²) 1000 cd/m² Viewing Angle (Typ.) 178/178 (H/V) Signal Connector 15 PIN D-Sub, DVI-D Power Source AC100 ~ 240V, Universal +/- 10% Power Consumption 62W Typical, normal operation Power Management VESA DPMS Compliant Operating Temperature 0 ~ +50°C	eyestin epis emission	
Active Display Area (mm) Active Display Area (mm) Pixel Pitch (um) 248.25 x 248.25 Number of Pixels 1920 x 1080 Contrast Ratio 1000: 1 Color Arrangement R.G.B. Vertical Stripe Brightness (cd/m²) Viewing Angle (Typ.) 178/178 (H/V) Signal Connector 15 PIN D-Sub, DVI-D Power Source AC 100 ~ 240V, Universal +/- 10% Power Consumption 62W Typical, normal operation Power Management VESA DPMS Compliant Operating Temperature 0 ~ +50°C	Panel Type	21.5-inch TFT LCD
Pixel Pitch (um) 248.25 x 248.25 Number of Pixels 1920 x 1080 Contrast Ratio 1000: 1 Color Arrangement R.G.B. Vertical Stripe Brightness (cd/m²) 1000 cd/m² Viewing Angle (Typ.) 178/178 (H/V) Signal Connector 15 PIN D-Sub, DVI-D Power Source AC100 ~ 240V, Universal +/- 10% Power Consumption 62W Typical, normal operation Power Management VESA DPMS Compliant Operating Temperature 0 ~ +50°C	Screen Diagonal	21.5-inch
Number of Pixels Contrast Ratio Color Arrangement R.G.B. Vertical Stripe Brightness (cd/m²) Viewing Angle(Typ.) Signal Connector Power Source AC100 ~ 240V, Universal +/- 10% Power Consumption Power Management Operating Temperature 1920 x 1080 1000: 1 1000: 1 1000 cd/m² 11000 cd/m² 178/178 (H/V) 178/178 (H/V)	Active Display Area (mm)	476.64 (H) x 268.11 (V)
Contrast Ratio Color Arrangement R.G.B. Vertical Stripe Brightness (cd/m²) Viewing Angle (Typ.) Signal Connector Power Source AC100 ~ 240V, Universal +/- 10% Power Consumption Power Management Operating Temperature VESA DPMS Compliant O ~ +50°C	Pixel Pitch (um)	248.25 x 248.25
Color Arrangement R.G.B. Vertical Stripe Brightness (cd/m²) Viewing Angle(Typ.) 178/178 (H/V) Signal Connector 15 PIN D-Sub, DVI-D Power Source AC100 ~ 240V, Universal +/- 10% Power Consumption 62W Typical, normal operation Power Management VESA DPMS Compliant Operating Temperature 0 ~ +50°C	Number of Pixels	1920 x 1080
Brightness (cd/m²) Viewing Angle (Typ.) Signal Connector Power Source AC 100 ~ 240V, Universal +/- 10% Power Consumption Power Management Operating Temperature 1000 cd/m² 178/178 (H/V) 178/178 (H/V) 15 PIN D-Sub, DVI-D AC 100 ~ 240V, Universal +/- 10% 62W Typical, normal operation VESA DPMS Compliant O ~ +50°C	Contrast Ratio	1000: 1
Viewing Angle (Typ.)178/178 (H/V)Signal Connector15 PIN D-Sub, DVI-DPower SourceAC100 ~ 240V, Universal +/- 10%Power Consumption62W Typical, normal operationPower ManagementVESA DPMS CompliantOperating Temperature0 ~ +50°C	Color Arrangement	R.G.B. Vertical Stripe
Signal Connector 15 PIN D-Sub, DVI-D Power Source AC 100 ~ 240V, Universal +/- 10% Power Consumption 62W Typical, normal operation Power Management VESA DPMS Compliant Operating Temperature 0 ~ +50°C	Brightness (cd/m²)	1000 cd/m ²
Power Source AC100 ~ 240V, Universal +/- 10% Power Consumption 62W Typical, normal operation Power Management VESA DPMS Compliant Operating Temperature 0 ~ +50°C	Viewing Angle (Typ.)	178/178 (H/V)
Power Consumption 62W Typical, normal operation Power Management VESA DPMS Compliant Operating Temperature 0 ~ +50°C	Signal Connector	15 PIN D-Sub, DVI-D
Power Management VESA DPMS Compliant Operating Temperature 0 ~ +50°C	Power Source	AC100 ~ 240V, Universal +/- 10%
Operating Temperature 0 ~ +50°C	Power Consumption	62W Typical, normal operation
<u> </u>	Power Management	VESA DPMS Compliant
Storago Tomporaturo 20 c. ±40°C	Operating Temperature	0 ~ +50°C
310rdge remperatore -20 % 700 C	Storage Temperature	-20 ~ +60°C

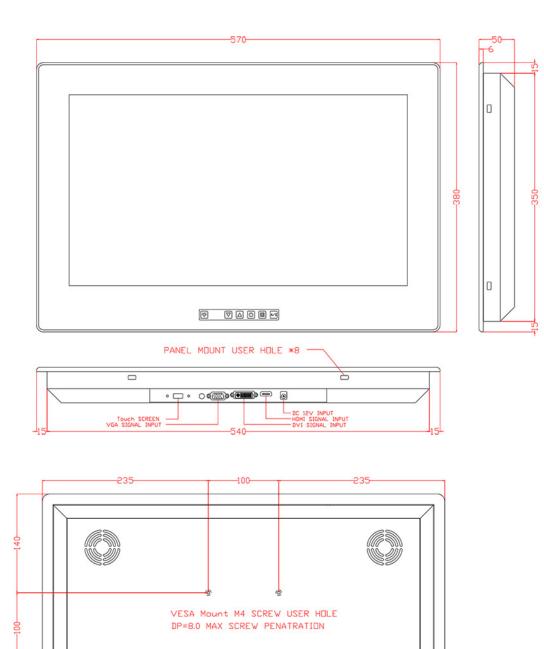
AD-DB Board Unit: mm



- Small form factor 125 x 83mm.
- TTL/Dual LVDS interface.
- On-Screen Display control.
- Build-in YUV to RGB color space converter and de-interlace.
- Integrated 8-bit triple-channel 210MHz ADC/PLL.
- On chip brightness, contrast, and gamma correction.
- Auto adjustment for frequency, phase, H/V position and white balance.
- Embedded dual DDC can support DDC1, DDC2B.
- Flexible firmware to meet design for any custom request.
- Support various panel: VGA, SVGA, XGA, SXGA, WSXGA, WSXGA+, UXGA, WUXGA.



MECHANICAL DRAWINGS:





(2) Unspecified tolerances are $\pm 0.5 \text{mm}$.

