

# Sunlight Readable Panel Mount High Brightness LCD

Industrial LCD Monitor – with aluminum Front Bezel

Portrait Mode Panel mount with OEM housing, Aluminum Bezel, LCD Panel 21.5"- 1920 x 1080, LED-1500nits, Wide Temp (0~60 C Degree), Viewing angle H 80/80 V60/80 VGA+DVI +HDMI input ports Integrated AG Coating PCAP Touch with USB Controller Dual touch for Window 7/10 Less Noisy Fans

**MODEL: YPMW2150WTF-PCAP-P-V1**



## FEATURES:

- Sunlight Readable.
- Auto-Dimming light sensor with 2ft loosed cable from I/O area
- Clamp Mounting
- Less Noisy Fans
- Air flow between LCD panel and Touch
- Color Active Matrix Liquid Crystal Display.
- FULL HD (1920 x 1080)
- 2xFAN (High Speed fan) integrated on rear side at the bottom

## SYSTEM SPECIFICATIONS

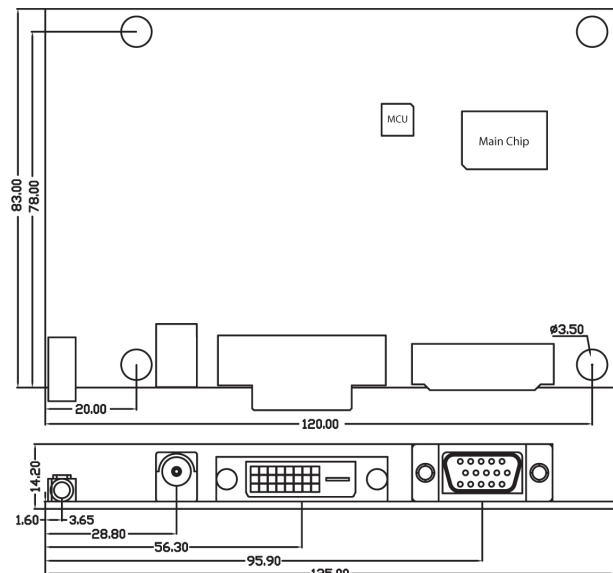
Active Area	476.64 (H) x 268.11 (V)
Pixels H x V	1920(x3) x 1080
Pixel Pitch	248.25 (per one triad ) x 248.25
Pixel Arrangement	R.G.B. Vertical Stripe
Display Mode	TN Mode. Normally White
Viewing Angle	80/80 V60/80
White Luminance	1500 (center, Typ) cd/m <sup>2</sup>
Contrast Ratio	1000 : 1 (Typ)
Optical Response Tim	5 ms(Typ, on/off) msec
I/O Ports	VGA+DVI +HDMI
Nominal Input Voltage VDD	+5.0 V Volt
Electrical Interface	Dual channel LVDS
Surface Treatment	Anti-Glare, 3H
Support Color	16.7M colors (RGB 6-bit data + HiFRC data)
Physical Size (H x V x D)	495.6 (H) x 292.2 (V) 16.35 (D) (Typ) mm
Temperature Range Operating	0 to +60 °C
Storage (Non-Operating)	-20 to +60 °C
RoHS Compliance	RoHS Compliance

## AD-DB Board

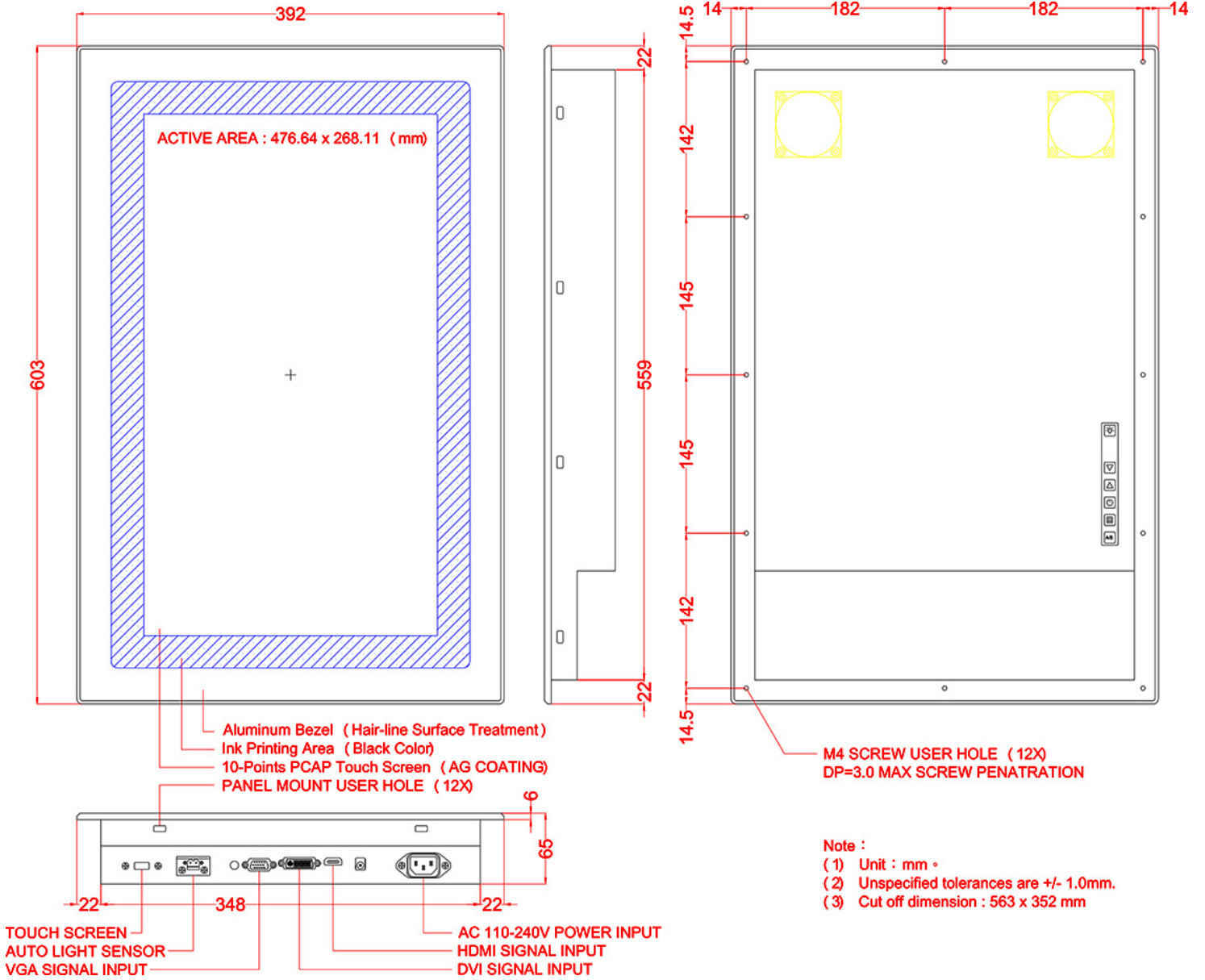
Unit : mm



- 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:



**Note :**

- (1) Unit : mm •
- (2) Unspecified tolerances are +/- 1.0mm.
- (3) Cut off dimension : 563 x 352 mm