

PANEL MOUNT TOUCH LCD MONITOR

15.6" 1000nits Panel Mount 1920x1080 10-points PCAP Touch, HDMI, VGA, AV Input with 12V External Power Adapter

MODEL: LPMW1560HB-PCAP



Touch Screen Monitor

Experience superior performance with our 15.6" Touch Screen Monitor, designed for precision and durability. This monitor features a high-brightness 1000-nit panel with a responsive 10points touch capability.

Versatile Connectivity

In addition to standard HDMI, VGA, and AV inputs, this monitor is equipped with multiple expansion ports on the main board, allowing for flexible and custom configurations. The replaceable sheet metal design facilitates straightforward modifications to interfaces, enhancing adaptability.

IP64 Protection

The monitor's IP64-rated front panel ensures robust protection against dust ingress and water splashes from all directions, providing resilience and longevity even in demanding conditions.

Anti-Shedding Cable Design

An integrated cable clamp secures connections to the back of the monitor, effectively preventing disconnections caused by vibrations, and ensuring stable operation.

Wide Input Voltage Range

Featuring a versatile input voltage range of 12-24V, this monitor is adaptable to a wide range of application environments, ensuring reliable performance across different setups.

Industrial HMI Applications

Engineered for industrial automation, this monitor excels in Human-Machine Interface (HMI) applications. It provides stability, efficiency, and adaptability, meeting the rigorous demands of industrial environments and enhancing process control and monitoring.

SPECIFICATIONS

15.6" LCD SPEC	Display Ratio	16:9
	Backlight	LED
	MTBF	30000Hrs
	Active Area	344.16mm x 193.59mm (HxV)
	Display Mode	Normally Black, 10%-20% haze with AG technology
	Viewing Angle	80°/80° (Left / Right), 80°/80° (Vertical / Horizontal)
	Support Color	16.7M
	Optical Response Time	Typ. 25ms
	White Luminance	Typ. 1000 cd/m2
	Contrast Ratio	Typ.1000:1
	Electrical Interface	LVDS
	Display Resolution	Full-HD 1920*1080 / 60Hz

PCAP Touch Panel	Type	Optical bonding, Projected Capacitive Multi-Point Touch Panel
	Size	15.6inch
	Active Area	344.76mmx194.19mm
	Total Thickness	2.7mm Cover glass
	Hardness	6H
	Anti-vandal Treatment	Sodalim
	Consumption	0.5W
	Interface Type	USB
	Touch Points	10 points
	Response Time	≤25ms
	Linearity	≤1%
	Minimum Touch Diameter	3mm
	Touch Strength	≤10g
	Touch Panel Life Time	≥1 million Touches
Touch Operation	Finger or touch pen	
Compatible O/S	WinXP, Win7, Win8, Windows8.1, Windows10&11, Android, Linux	

LCD Monitor Specification	Outline Dimension	377.8mm x 229.2mm x 34.4mm
	Product Construction	Closed Frame & True Flat surface
	Product Color	Black
	Environment Parameter	Operation: -20°C ~60°C Storage: -30°C ~70°C Operating Humidity: 20%-80%
	Interface	1*VGA,1* 4K HDMI,1*Audio,2*USB(Touch, Upgrade), 1*AV,1*EAR, DC12V
	IK / IP Protection Level	IK07 / IP65(front panel)
	Input Voltage	12V/3A (12V ~ 24V wide voltage)
	Speaker	2 x Built in speakers (8Ω / 2W)
	Warranty	18 months
	Shipping Weight	3pcs/Box, 50.5*32.5*43.5mm, 13kg. 15kg (volume weight). (Values may change)
	Certification	CCC, CE, FCC, RoHS

Certifications	EMC Compliance	EN 55032:2015/A11:2020
		EN 55035:2017/A11:2020
		EN IEC 61000-3-2:2019
		EN 61000-3-3:2013/A1:2019
	Safety Standard	IEC 62368-1
FCC Test Standard	FCC Part 15:2016 47 CFR PART 15 regulation & ANSI C63.4 for the evaluation of Class A of electromagnetic compatibility	
RoHS	(RoHS (2011/65/EU) and 2015/863/EU)	

**Specifications subject to change without notice, not responsible for typographical errors.*

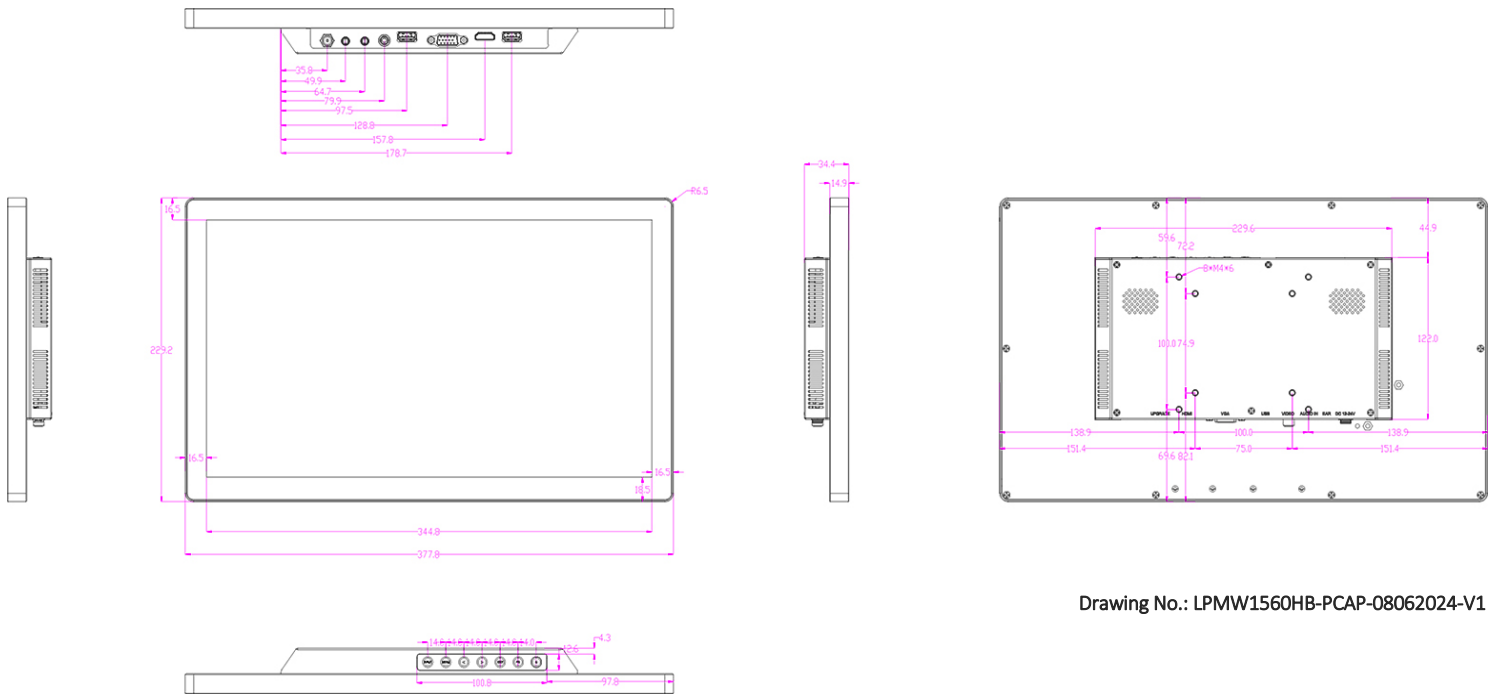
ACCESSORIES

USB Touch cable	USB-A type	*1 Pcs	1500mm length
HDMI cable	A-A type	*1 Pcs	1500mm length
Cable Clamps & Screws	Anti-shedding design for cables	*4 Pcs	
12V 3A Power Adapter	With replaceable EU plug	*1 Pcs	



MECHANICAL DRAWINGS

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



Drawing No.: LPMW1560HB-PCAP-08062024-V1