



TDD-PTM-PM185WP

18.5" Waterproof Panel Mount (Front Mount) PCAP Touch Monitors



Our industrial monitor family is available in indoor and outdoor, high-brightness versions, with screen sizes ranging from 7" to 65".

Our outdoor industrial touch screen industrial monitor product line is available with multi-point projective capacitive or single-point resistive touchscreens, providing a reliable solution with outstanding image clarity and precise touch in harsh industrial environments.

Monitors for all areas of industry:

Our industrial monitors are ideal for all industries: food industry, automotive industry, mechanical engineering, pharmaceutical industry, chemical industry, mining, energy, transportation, electronics, retail



Wide configuration options:

Numerous optional accessories are available for our industrial monitor family: High brightness LCD panels, industrial LCD panels, wide power supply range, vandal-proof glass front between 3-6mm, higher resolution LCD panel, fingerprint-reducing film layer, anti-glare film layer, optical bonding, built-in fan temperature controller, wider viewing angle display, or a smaller viewing angle film layer recommended for banking applications, which provides protection against unauthorized data reading.

Optimal Brightness Control:

Thanks to the built-in light sensor, the backlight brightness is higher in bright sunlight, while the backlight is also lower in darker ambient light. The brightness control is done in fine, gradual steps that are imperceptible to the viewer. Of course, the automatic mode can be turned off in the monitor's OSD menu, in which case the brightness can be adjusted manually.

Technical Parameters:

Screen Size	18.5"(16:9), 46.99cm, Active matrix TFT LCD (LED
Mounting	Front Mount
Brightness Sensor	No
Active Area	409.8 mm x 230.4 mm
Resolution	1366 x 768
View Angle	Horizontal: 89°or 178° total / Vertical: 89°or 178° total
Brightness	250 nits(Optional: 500 / 1000 nits)
Response Time	14 (Typ.)(G to G) ms
Contraste Ratio	1000:1
Color Numbers	16,7 million
Input Video Frequency	Horizontal: 30-60 KHz / Vertical: 50-75 Hz
Touch Technology	PCAP (Projective Capacitive) with 10-point touch
Surface Treatment	Water, Dust & Vandal proof; Optional: Anti-glare, Anti-fingerprint, Anti-smudge, Anti-bacteria
Supported Operating System	Windows / Android / Linux / Mac
Ports	HDMI x1 / USB x1 for Touch; HDCP: Yes, DC x1; Key x1 (5 External Connected OSD)
Power	Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 20W typical, 1.5W sleep, 0.5W off
Temperature Range	Operating / Storage Temperature: -10°C to 50°C (Opt. for -20°C to 70°) / -20°C to 60°C
Case Color	Black Silver
Installation	VESA Mounting: 75 x 75 / 100 x 100mm
Outer Size	454 x 277 x 40mm
Weight	6,7 kg
Accessories	Power adapter, power cable, HDMI, VGA, Touch USB cable
MTBF	50.000 hours
Warrantie	1 year warranty, European service, min.5 years parts supply
Operation	24/7 continuous operation
Protection	Touch thru glass (with Anti-mist Optical Bonding), Sturdy Aluminum Enclosure, IP65 Fully Enclosed Fanless Design with M12 Metal I/O Connectors
Internal Fan Cooling	-



Perfect Service

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