



## TDD-PTM-PM170WP

## 17" 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                | 17"(4:3), 43cm, Active matrix TFT LCD (LED)                                                                                                    |
| Mounting                   | Front Mount                                                                                                                                    |
| Brightness Sensor          | No                                                                                                                                             |
| Active Area                | 337.92 mm x 270.336 mm                                                                                                                         |
| Resolution                 | 1280 x 1024                                                                                                                                    |
| View Angle                 | Horizontal: 85°or 170° total / Vertical: 80°or 160° total                                                                                      |
| Brightness                 | 250 nits(Optional: 500 / 1000 nits)                                                                                                            |
| Response Time              | 30 (Typ.)(Tr+Td) 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                 | 397.2 x 332.5 x 40mm                                                                                                                           |
| Weight                     | 6,85 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

Hungary 2017 Surany,  
Pacsirta str. 90.

Email: [info@iparimonitorok.hu](mailto:info@iparimonitorok.hu)

Phone: +36 30 113 14 67

[www.industrialmonitors.eu](http://www.industrialmonitors.eu) | [www.iparimonitorok.hu](http://www.iparimonitorok.hu)