



## TDD-OFTM-BF133HO

## 13.3" Outdoor Bezel-free (Rear Mount) Open Frame 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                | 13.3"(16:9), 33.78cm, Active matrix TFT LCD (LED)                                                                                                                     |
| Mounting                   | Back Mount                                                                                                                                                            |
| Brightness Sensor          | Yes (with automatic or fixed brightness adjustment)                                                                                                                   |
| Active Area                | 293.76 mm x 165.24 mm                                                                                                                                                 |
| Resolution                 | 1920 x 1080                                                                                                                                                           |
| View Angle                 | Horizontal: 80°or 160° total / Vertical: 80°or 160° total                                                                                                             |
| Brightness                 | 1000 nit                                                                                                                                                              |
| 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-bacterial                                                                       |
| Supported Operating System | Windows / Android / Linux / Mac                                                                                                                                       |
| Ports                      | VGA x1 / HDMI x1 / DVI x1 (opt.) / Display Port x1 (opt.) / USB x1 for Touch; HDCP: Yes, Audio Mini jack x1 / DC x1; 5 OSD buttons                                    |
| Power                      | Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 20W typical, 1.5W sleep, 0.5W off                                                                                   |
| Temperature Range          | Operating / Storage Temperature: -20°C to 70°C / -30°C to 80°C                                                                                                        |
| House Color                | Black   Silver                                                                                                                                                        |
| Installation               | VESA Mounting: 75 x 75 / 100 x 100mm                                                                                                                                  |
| Outer Size                 | 351 x 220 x 50mm                                                                                                                                                      |
| Weight                     | 3,75 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 AG, UV Filter & Anti-mist Optical Bonding), Sturdy Aluminum Front Frame&Steel Back, IP65 (front) for water and Dust Protection with Smart Fans |
| Internal Fan Cooling       | Adjustable, two-stage LCD panel cooling control                                                                                                                       |



## Perfect Service

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