



TDD-WFD-S490H

49" 2500 nits Single Sided High Brightness Window Facing Displays



Designed especially for window facing environments in direct sunlight, the TDD Ultra High Brightness Window Facing Displays include Wall Mounted, Single Sided Hanging, Single Sided Floor Standing, Double Sided Hanging and Double Sided Floor Standing types, are a proven solution for storefront direct sunlight & high ambient light applications.

Providing ample brightness, high contrast picture quality and vibrant and dynamic content displayed through the window with professional ultra high brightness LCDs up to 5000 nits, it will attract customers to your business, despite the viewer wearing polarized sunglasses - making it the ideal solution for outward-facing window-facing applications in direct sunlight.

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

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	49"(16:9), 124.46cm, Active matrix TFT LCD (LED)
Processor	Android: RK3188/3288/3566/RK3568(std) Quad-core Cortex-A9/A17/A55 1.6/1.8/ 2.0GHz
	Windows: Optional (required motherboard size: 120*120mm)
Memory (RAM)	Android: 1 / 2GB(std) / 4 / 8 / 16GB; Windows: N/A
Storage	Android: 4/8/16(std)/32/64GB eMMC Flash; Windows: N/A
Brightness Sensor	Ambient Light Sensor
Active Area	1073.8 mm x 604 mm
Resolution	1920 x 1080
View Angle	Horizontal: 89° or 178° total / Vertical: 89° or 178° total
Brightness	2500 nit
Response Time	8 (Typ.)(Tr+Td) (ms)
Contraste Ratio	1200:1
Color Numbers	16,7 million
Input Video Frequency	Horizontal: 30-60 KHz / Vertical: 50-75 Hz
Touch Technology	Non Touch

Surface Treatment	Glossy / Antiglare (Haze 3%), hard coating (3H)
Supported Operating System	Windows / Android
Ports	Android USB x2 / HDMI x1 / LAN x1 / WIFI x1 / DC x1 / TF-CARD x1 / Audio x1 Windows N/A
Power	Supply / Consumption: 100-240V ~ 50/60Hz / 220W (Typ. / Max.), 1.5W sleep, 0.5W off
Temperature Range	Operating / Storage Temperature: 0°C ~ 50°C / -20°C ~ 60°C Humidity: 10% ~ 80% RH Non-condensing
House Color	Black Silver
Installation	VESA Mounting: 400 x 400mm
Outer Size	1114 x 644 x 85mm
Weight	24 kg
Accessories	Power adapter / cable, remote control, wall ceiling mount / floor / table stand w/screws (opt.)
MTBF	50.000 hours
Warrantie	1 year warranty, European service, min.5 years parts supply
Operation	24/7 continuous operation
Features	• 2000 ~ 5000 nits, Direct Sunlight Readable • 24 / 7 IPS Panel with Wide Operating Temperature • Ultra Resistant to Blackening Defect (up to 110°C) • Stylish Lightweight Enclosure with 18mm Sleek Thin Even Aluminum Bezel
Internal Fan Cooling	Ultra Quiet Smart Temperature Control System



Perfect Service

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