



TDD-ODS-490H

**49" High Brightness Outdoor Digital Signage
(Displays)**



The **Outdoor Digital Signage** solution is designed for outdoor use, featuring a remarkable brightness of 2000 nits to 5,000 nits for clear visibility in direct sunlight. Its slim and lightweight design is paired with robust protection, offering an IP56 rating for weather resistance and IK10 certification for impact durability. This versatility makes it ideal for applications like outdoor menu boards, kiosks, and advertising displays. Supporting both portrait and landscape orientations, the **ODS** Series includes multiple connectivity options such as HDMI and USB, along with web-based remote monitoring, ensuring seamless control and management for effective digital communication in various outdoor environment projects.

Features

- **High Brightness:** Delivers an impressive up to 5000 nits for exceptional visibility in direct sunlight.
- **Durable Design:** Features IP56 weather resistance and IK10 impact protection, ensuring reliable outdoor performance.
- **Versatile Connectivity:** Multiple M12 Metal I/O Connectors, flexible mounting in any table, kiosk or cabinet control.

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 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.

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:

Processor	Android: RK3188/RK3288/RK3566/RK3568 Quad-core Cortex-A9/A17/A55 1.6/1.8/ 2.0GHz Windows: Intel® J1900 / J3455 Quad Core 2.0 / 2.7GHz / Intel® Core™ i3 / i5 / i7 / i9 4-13thG
Memory (RAM)	Android: 1 / 2GB(std) / 4 / 8 / 16GB; Windows: DDR3/4 2 / 4(std) / 8 / 16 / 32 / 64GB
Storage	Android: 4/8/16(std)/32/64GB eMMC Flash; Windows: 32/64(std)/128/256/512GB SSD/HDD
Screen Size / Active Area	49"(16:9), 124.46cm, Active matrix TFT LCD (LED) / 1073.78 mm x 604 mm
Mounting	Flexible mounting in any table, kiosk or cabinet control
Resolution / Contrast Ratio	1920 x 1080 / 1200:1
View Angle	Horizontal: 89° or 178° total / Vertical: 89° or 178° total
Color Depth / Brightness	16.7 million / 2000 - 5000 nits
Response Time / Freq	8 (Typ.)(Tr+Td) ms / Horizontal: 30 - 60 KHz / Vertical: 50 - 75 Hz
Touch Technology	None (option: PCAP (Projected Capacitive) - 10 Touch Capacity)
Surface Treatment	Water, Dust & Vandal proof; Optional: Anti-glare, Anti-fingerprint, Anti-smudge, Anti-bacterial
Supported Operating System	Windows / Android / Linux / Mac
I/O Ports Android	Multiple M12 Metal I/O Connectors; USB x4 / COM x2 / HDMI x1 / LAN x1 / WIFI x1 / DC x1 / TF-CARD x1 / Audio x1
I/O Ports Windows	Multiple M12 Metal I/O Connectors; USB x4 / COM x2 / HDMI x1 / LAN x1 / WIFI x1 / DC x1 / TF-CARD x1 / Audio x1
Power	Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 300W typical, 1.5W sleep, 0.5W off
Environmental	Operating / Storage Temperature: -30°C to 50°C
House Color	Black / Silver
Outer Size	1153 x 656.2 x 88mm
Weight	32 kg
Accessories	Power adapter / cable, tables stand w/screws (opt.)
MTBF	50.000 hours
Warrantie	1 year warranty, European service, min.5 years parts supply
Operation	24/7 continuous operation
Protection	IP56 weather resistance and IK10 impact protection, ensuring reliable outdoor performance; Tempered Glass 3-6mm, Ultra Clear, Anti-mist Optical Bonding, Multiple M12 Metal I/O Connectors



Perfect Service

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