15.6" STAINLESS CONTROL PANEL | HMI-1500



FEATURES

- 15.6" IPS LCD Screen (1920 x 1080 Resolution)
- Powerful ARM Processor (Optional Intel CPU)
- Android 14 OS (Optional Window 11)
- Anti-corrosion 316L Stainless Steel Chassis
- IP65 Water & Dust Protection
- 1 Emergency Stop Button
- 3 Programmable Buttons
- Sunlight-Readable Display
- Capacitive Touch Screen (Support Glove or Wet Touch)

The HMI-1500 is the ultimate rugged Control Panel, meticulously engineered for the harshest industrial environments. Its corrosion-resistant 316L stainless steel body ensures long-lasting durability, even in highly corrosive settings like car washes or food processing industries. With a sunlight-readable 15.6" IPS LCD display and capacitive 10-point multi-touch, it offers crystal-clear visuals and precise interaction, no matter if you are indoor or out in challenging conditions. Powered by Quad Cortex-A53 + Quad Cortex-A72 processor and running on Android 14 (optional Intel N200 CPU and Window OS), this device delivers seamless performance. Enhanced with an Emergency Stop Button and programmable buttons, the HMI-1500 is a reliable and adaptable command center designed to maximize safety and efficiency in demanding applications.

SPECIFICATIONS

RUGGEDNESS

IP Rating	IP65
ESD Protection	±8kV (Air), ±4kV (Touch)
EMC Test	Follows FCC

SYSTEM

Processor	Quad Cortex-A53 + Quad Cortex-A72, 2.2GHz
	Optional: Intel CPU N200 CPU
GPU	Mali-G52 MC3 MP4 GPU
Memory	4GB LPDDR4
	Optional: 8GB
Storage	32 GB
	Optional: 64GB / 128GB
OS	Android 14
	Optional: Linux or Window 11

DISPLAY

Screen Size	15.6'' IPS LCD
Resolution	1920 x 1080
Brightness	800 nits
Touch Screen	Capacitive 10-Point Multi-Touch

COMMUNICATIONS

Wi-Fi	WiFi 6 802.11 a/b/g/n/ac/ax
Bluetooth	Bluetooth V4.2

POWER

AC Adapter	Input AC 100-240V, Output DC 12V 3A

I/O INTERFACE

Audio	Optional
Camera	Optional
Ports	1 x 1000M Ethernet
	1 x USB 3.0
	1 x RS485
	1 x DC in
Buttons	Power On/Off Button, Support 10s Hard Reset
	3 x Programmable Buttons
	1 x Emergency Stop Button

MECHANICAL

Chassis	Front Chassis: 316L Stainless Steel
	Rear Chassis: 316L Stainless Steel
	Mounting: 100mm x 100mm VESA Mount
Dimensions	417 x 288.5 x 46mm

ENVIRONMENTAL

Temperature:	
- Operation	0°C to 50°C
- Storage	-20°C to 60°C
Humidity	10% to 90% Non-condensing

REGULATORY

Certification	FCC, RoHS Compliant

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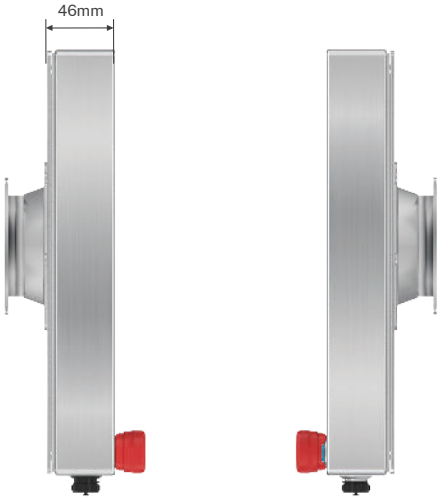
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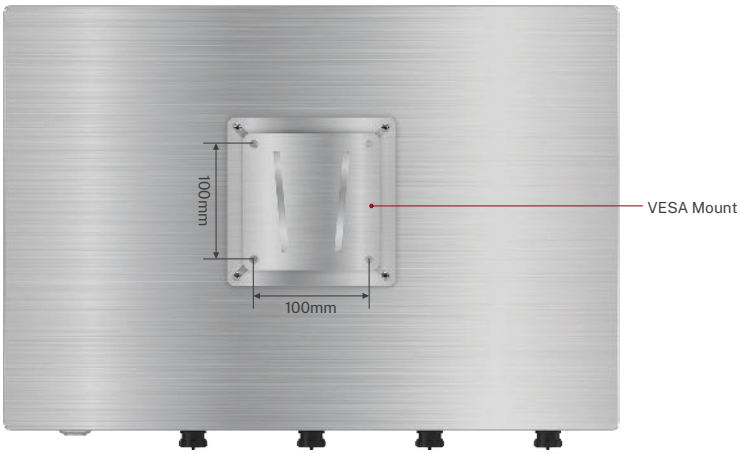
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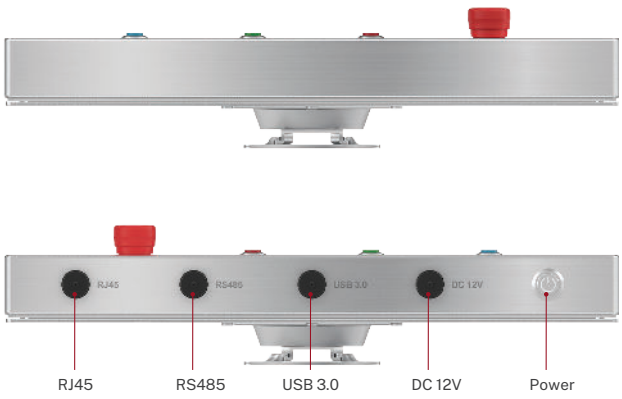
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DIMENSIONS AND SYSTEM LAYOUT









MARKET & APPLICATIONS

Food & Beverage Manufacturing Industry

Automatic Car Wash Systems

Outdoor Industrial Operations

Pharmaceutical and Chemical Manufacturing

Agricultural and Farming Equipment

Oil and Gas Industry



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