



FEATURES

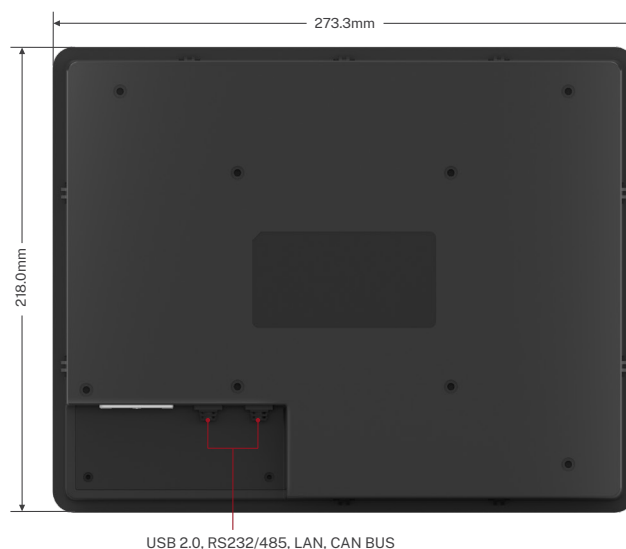
- 10.1" IPS LCD Display (1280 x 800 Resolution)
- Quad-core Cortex-A55 Processor
- Android 14 or Linux OS
- Wide-temperature Operation: -20°C to 75°C
- Support 4 Programmable Buttons and 1 Emergency Stop Button
- OTA Upgrade Support for Remote Firmware Updates
- Support Wi-Fi 6, Bluetooth 5.0, **Optional** 4G LTE
- Multiple I/O **Options**: USB 2.0, RS232/485, LAN, and CAN BUS

As an ODM/OEM manufacturer, we specialize in delivering customized industrial touchscreen solutions tailored to your specific needs. The HMI-100 is a versatile 10.1-inch industrial touchscreen control panel, designed for trucks, RVs, and industrial automation applications. With a 1280 x 800 high-resolution IPS LCD display and a powerful ARM Cortex-A55 processor, it ensures superior clarity, responsiveness, and reliability in harsh environments. Running on Android 14 or Linux, the HMI-100 supports seamless integration into industrial and vehicle control systems. Its extensive connectivity options, including USB 2.0, RS232/RS485, LAN, CAN bus, Wi-Fi, and Bluetooth, provide flexible data exchange, while optional 4G LTE ensures real-time remote communication. Engineered for rugged environments, the HMI-100 operates reliably in extreme temperatures from -20°C to 75°C. It features four programmable buttons, an emergency button, and OTA (Over-the-Air) upgrade capabilities, offering customizable control functions and remote firmware updates.

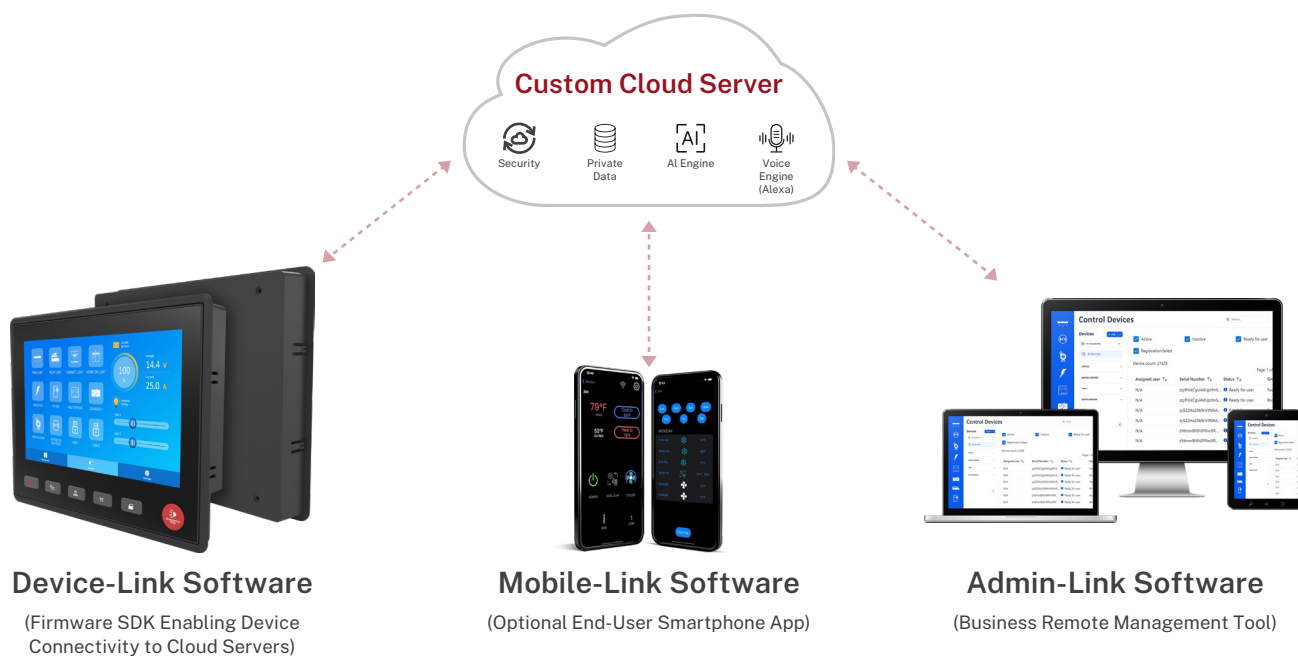
SPECIFICATIONS

SYSTEM		POWER	
Processor	Quad-core Cortex-A55, up to 2.0GHz	AC/DC Adapter	Input AC 100-240V, 50/60Hz
Memory	4GB LPDDR4		Output DC 12V/3A
Storage	16GB eMMC	I/O & SENSOR	
	<b>Optional:</b> 32GB/64GB/128GB	Sensor	Ambient Light Sensor
OS	Android 14 or Linux	I/O <b>Options</b>	USB 2.0, RS232/485, LAN, CAN
DISPLAY		DC Input	12V, 3A
Screen Size	10.1" IPS LCD	Buttons	Power On/Off Button
Resolution	1280 x 800		Emergency Button
Brightness	400 nits		4 x Programmable Buttons
Touch Screen	Capacitive 5-point Touch, Supports Wet & Glove Modes	ENVIRONMENTAL	
COMMUNICATIONS		Temperature:	
4G ( <b>Optional</b> )	4G LTE	- Operation	-20°C to 75°C
Wi-Fi	802.11 a/b/g/n/ac/ax	- Storage	-30°C to 80°C
Bluetooth	Bluetooth v5.0	REGULATORY	
		Certifications	FCC, CE, RoHS, IC

## DIMENSIONS AND SYSTEM LAYOUT



## OPTIONAL E-LINK SOFTWARE (Intelligent Device Control)



## APPLICATIONS



RV Smart Control Touch Panel



Medical HMI Display



Industrial HMI Panel