

HMI Series

Model: VI30-101-CWH-EN

Product Overview

The VEICHI VI30 series is a reliable, low-cost IoT HMI with a plastic casing. Its mainboard features a triple-coated process in its redesign for tough conditions, and boasts enhanced aesthetics and higher-resolution options.

With WIFI, it updates to an IoT interface, accessing full industrial IoT cloud services.

Product Appearance



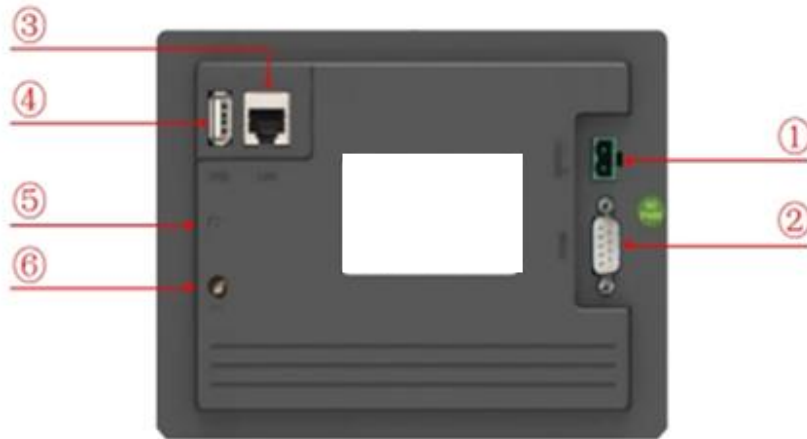
Product Specifications

Characteristics	Display screen	10.1"16:9 TFT LED screen
	Resolution	1024x600
	Color	262K
	Brightness	300 cd/m ²
	Touch screen	4-wire resistive type
	Input voltage	24_+20%VDC
	Rated power	7W
	Processor	Cortex-A53 multicore 1GHz
	Memory	256M
	Data storage	512M
	Hardware clock	Built-in
External Interface	Serial	Method 1: COM1(232), COM2(485), COM3(485) Method 2: COM1=232), COM9(422)
	USB	1 x Host
	Ethernet	1x10/ 100M self-adaption
	WiFi expansion	WiFi IEEE802.11 b/g/n
Environment	Temperature	0°C~50°C
	Operating humidity	5%~90%(non-condensing)
	Storage temperature	-10°C~60°C
	Storage humidity	5%~90%(non-condensing)

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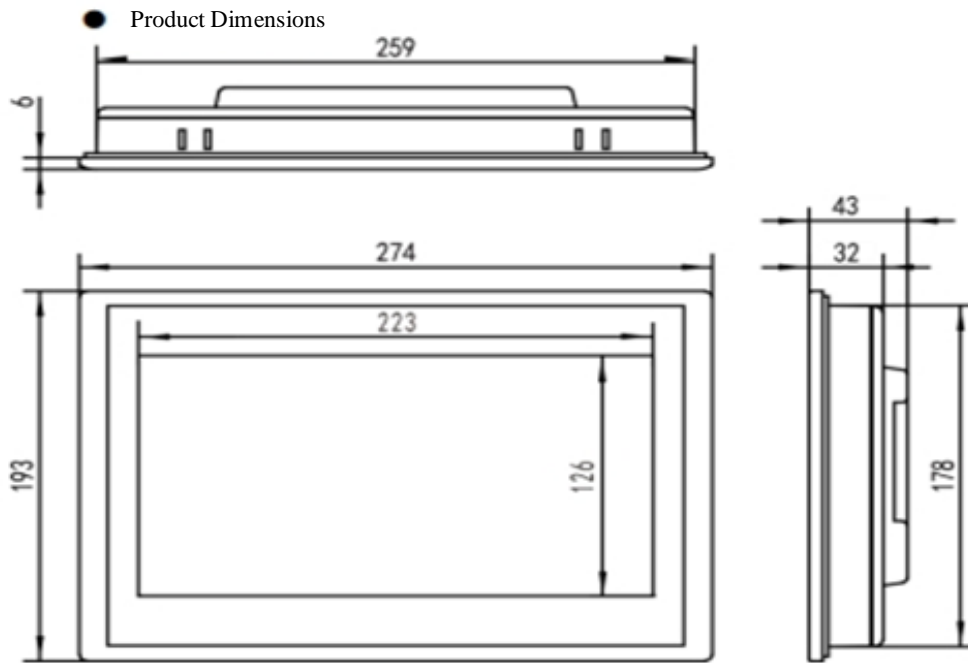
Specification	Casing material	Industrial plastics
	Casing color	Industrial gray
	Panel dimensions (mm)	274×193
	Cabinet aperture (mm)	261×180
Certification	Certification	CE/FCC
	IP	IP65 (front panel)
	EMC	Level 3

Interface Definition



①	Power		-	1	0V
			+	2	DC24V
②	Serial interface		COM1	2	RS232 RXD
				3	RS232 TXD
				5	GND
			COM2	7	RS485+
				8	RS485-
			COM3	4	RS485+
				9	RS485-
			COM9	7	RXD+
				8	RXD-
				4	TXD+
9	TXD-				
Note: com9 can't be used together with com2, com3.					
③	Network interface	A 10M/100M network port for project uploads/downloads, environment upgrades (Pro.3.3.2 or higher), and device communication.			
④	USB	USB 2.0, for upgrading functions like project management, data import/export via USB			

Dimensions



Overall Dimensions



Hole Size

Embedded installation hole size: 261*180(mm)

Contacts

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