R12IM3S-PCM2AC-POE

12.1" ARM A53 S Series HMI Panel PC

KEY FEATURES

- 12.1" 1024 x 768 TFT LCD with Projected Capacitive Multi-Touch (PCAP)
- Fanless cooling system and ultralow power consumption
- Support PoE function
- Optional HF RFID Reader
- Stylish design for room booking, access control, and room information applications
- Front IP65 Water and Dust Proof
- Built-in RGB LED Light Bar Indicator

CE FC

SPECIFICATIONS

Display

Resolution	1024x768	Size	12.1 inches
Contrast Ratio	1000:1	Panel Brightness	500 nits
View Angles	89,89,89,89	Active Area	245.76 x 184.32 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		

System Specification

WLAN	Support (Optional)	BT	Support (Optional)
RFID	HF RFID Reader 13.56 MHz (Optional)	Light Bar	Built-in RGB LED Status Light Bar, on both sides
Processor	ARM A53 Quad Core 2.0GHz	Memory	4GB LPDDR4
Storage	32GB eMMC	Operating System	Android 11

Mechanical

Dimension	296 x 227 x 46 mm	Mounting	Panel Mount VESA Mount
Enclosure	Aluminum	Cooling System	Fanless design
Cut out	282x207 mm		

Environment

Operating Humidity	10% to 90% (noncondensing)	Operating Temperature	0~50°C
Storage Temperature	-20~60°C	Shock	MIL-STD-810G Method 516.6
Vibration	MIL-STD-810G Method 514.6	IP rating	Front IP65

Certification

Certification	CE, FCC

IO Ports

USB Port	2 x USB 2.0 Type A 1 x Micro USB 2.0 OTG	Serial Port	1 x RS232/422/485 (Default RS232)
SD Card Slot	1 x Micro SD card slot (Max to 32GB)	Video	1 x Micro HDMI Output (Optional)
Audio	2 x Speaker	LAN	1 x LAN 10/100/1000 Mbps

Accessory

Accessory	100~240V AC to DC Adapter

Power Cord
Terminal Block to 2.5Ø Female Adapter Cable
Open Wire Cable with terminal block connector
Manual
VESA screws

Power

Power Rating	12V DC with Terminal Block	Adapter	12V 50W
	9~36V (Optional)		
POE	PoE (PD): follows IEEE 802.3at (25 W)		

DIMENSIONS UNIT:MM

296±1
247±1
227±1
186±1
300±1
16±1
46±1

75
75
4-M4 VESA D=5mm
Cutout: 282*207mm

❶ Micro USB
❷ Micro SD Card Slot
❸ USB Type-A
❹ RS232
❺ Power Input
❻ LAN
❼ LED Light Bar