Human Machine Interface
Touch Screen

RoHS Compliant

Specifications

Model	MP011740	MP011741	MP011742
Item	Specifications		
CPU	Cortex A35 1.2GHz		
Touch Screen	Resistive		
Display — Screen Size	7 Inch	10.2 Inch	15 Inch
Display — Resolution	800 × 480	1024 × 600	1920 × 1080
Display — Brightness	250 cd/m²	350 cd/m²	250 cd/m²
Display — Backlight Type	LED		
Display — Backlight Life	50,000 Hours		
Display — Colors	16,000k colors		2,60k colors.
Slorage — Flash	128 MB		64GB
Slorage — RAM	DDRIII 128MB		DDRII 512MB
Slorage — SD Card	YES		YES (TF card)
I/O Port — USB	USB Host: USB2.0 x1; USB Client: USB 2.0 x1 (cannot be used at the same time)		
I/O Port — Serial Port	Type 1: COM1 (RS232), COM1 (RS485), COM1 (RS485)		
I/O Port — Serial Port	Type 2: COM1 {RS232), COM1 (RS422), COM1 (RS485)		
I/O Port — Ethernet	YES		
I/O Port — CAN	N/A		
I/O Port — 4G/WIFI Module	Optional		
Permanent Calendar	Built-in		
Power — Power Supply	24V DC (12~28V DC)		24V DC (18~28V DC)
Power — Power Consumption	<8W	<10W	<15W
Dimension — Enclosure	Plastic+ABS (Polycarbonate)		Aluminum + Metal + ABS
Dimension — Dimension{mm)	201.2W × 147.2H"38D0	272W × 191H"41.6D	403W × 253.0H"35.2D
Dimension — Mounting Size(mm)	192W × 138H	260W × 179H	384W × 244H
Dimension — Net Weight (KG)	0.52	1.02	248

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Page <1>   30/10/23   V1.1

Model		MP011740	MP011741	MP011742
Environment	Protection	1P65 (Front panel)		
	Temperature	Storage: -20C~70C		Storage: -20C~60T
		Working: -10C~65C		Working: 0C~50C
	Humidity	10 ~90%RH (Non-condensing)		
	Vibration Resistance	10 ~ 28 Hz (X,Y, Z direction 2G/30 minutes)		
CE Certification		CE Marked		
FCC Certification		FCC Class A		
Programming Software		PI Studio		
Software	IoT Service (optional)	Real-time Monitoring Points: 100		Real-time Monitoring Points: 300
		Alarm Monitoring Points: 20		Alarm Monitoring Points: 200
		History Monitoring Points: 50		History Monitoring Points: 100
		History Storage: 60 days / 1 millions		History Storags: 120 days / 1 millions
	VPN Pass-through	YES		

Part Number Table

Description	Part Number
HMI-Touch Screen, 800 × 480, 7"	MP011740
HMI-Touch Screen, 1024 × 600, 10.2"	MP011741
HMI-Touch Screen, 1920 × 1080, 15"	MP011742

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