Datasheet

RS PRO HMI. 4.3 inch, 480x272 TFT LCD. 16k Colours.

Stock No: 221-3481

Technical Specifications:
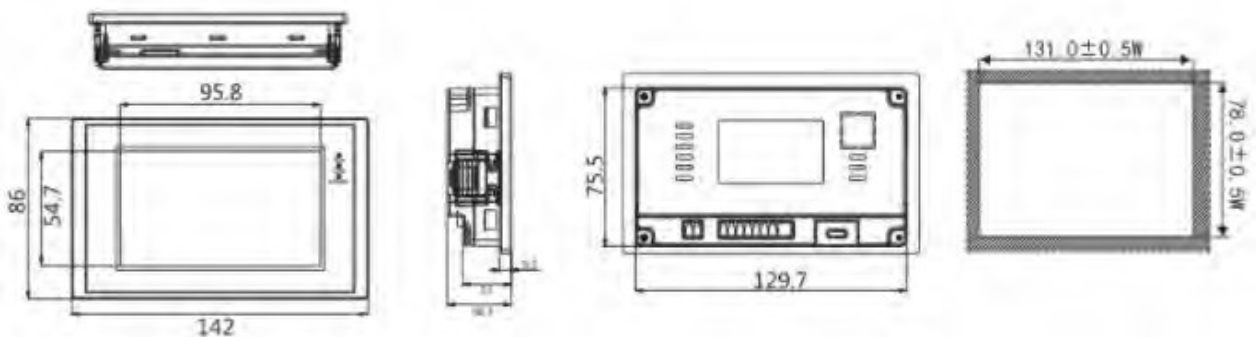
Hardware:	CORTEX A35 1.2GHz Mhz CPU DDRII 64MB RAM, 128MB Flash
Resolution:	800x480 TFT LCD 16,000k Colours
Storage:	128MB Flash
Interface:	Ethernet, RS232/RS485/RS422 Micro USB
Dimensions:	Bezel, 142 x 86mm. 30.3mm D Cut-out, 131 x 78mm

Features & Benefits:

- **High-grade picture quality**

- **CORTEX A35 CPU**

- **High-end configuration**

- **HTML5 Background language**

- **Multi-comms Ports**

Dimensional line drawings

Unit: MM, error range +/- 0.5mm

Quality Standards
CE
RoHS

General

Model		PI3043ie-N
General	Screen Size	4.3 Inch
	Resolution	480*272
	Colors	16,000k colors
	Brightness	300cd/m^2
	Backlight Type	LED
	Touch Screen	High procision four-wire resistive
	Backlight Life Time	50,000 hours
	CPU	Cortex A35 1.2GHz
	Storage	128M FLASH
	USB Port	Micro USB
	SD card	N/A
	COM COM1	RS232, RS422 / RS485 (2 in 1)
	COM2	--
Power	Power	<5w< span="">
	Power Supply	DC 24V (12~28V DC)
	Permanent Calendar	Built-in
	Vibration Resistance	500V AC < 1 minute
Dimension	Shell	PC+ABS
	Dimension (mm)	142.0W*86.0H*30.3D
	Mounting size (mm)	131.0W*78.0H
	Net/Gross (KG)	0.19/0.30
Operate Environment	Temperature	Working Temperature : -20~60℃ ; Storage Temperature : 0 ~50℃
	Humidity	10~90%RH(Non condensing)
	Seismic Resistance	10~25 Hz (X,Y,Z direction 2G/30 minutes)
Extension	Ethernet	YES
Protection		IP65 (Front panel)
CE Certification		CE marked
FCC Certification		FCC Class A

HMI Editor Programming Software User Manual Download Link:

https://docs.rs-online.com/ca7f/A700000008222006.pdf

Use this cross-reference table as necessary to select the correct manufacturer's part number for your project

RS Stock number to MPN cross-reference	
RS Stock Number	Manufacturer Part Number
221-3481	PI 3043ie-N-RS
215-6607	PI 3070ig-RS
215-6604	PI 3070i-RS
215-6605	PI 3070ig-O-RS
215-6606	PI 3102i-RS
250-8924	PI3035ie-RS
250-8925	PI3043ie-RS
250-8926	PI3070i-A-RS
250-8927	PI3102i-A-RS
250-8928	PI3102ig-RS
250-8929	PI8150ig-RS