RS PRO

Features

- Powerful Cortex A35 1.2GHz processor

- Compact dimensions, Shallow depth behind panel

- IIoT MQTT Client

- App for iOS and Android Smart Phones and Tablets

- RS232, 422/485

- Ethernet

- Micro USB port

- Comprehensive user manual & configuration software downloads on RS Website product page

- Configuration software includes 300+ popular PLC Serial Protocols

RS PRO HMI. 10.2 inch, 1024x600 Backlit TFT LCD. 16k Colours. CANopen

RS Stock No.: 2508929

IIoT Ready

RS PRO Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

- HMI's are used to monitor machines, perform tasks and visualise operational status. The display can be programmed to display status, instructions, soft messages and SCADA systems.
  Soft buttons on the touch screen reduce the requirement for separately mounted push-buttons and selector switches thus saving you component cost, installation cost and panel space.
- This large 15.0 inch model will be suited to many applications that require cloud communications for remote monitoring, control and updates, together with a greater amount of graphics and enhanced viewability.
  It can also be accessed via the manufacturers iOS/Android App 'IIoT Box' which offers remote HMI screen emulation for monitoring and control on Smart Phones and Tablets
- Use HMI's to monitor and control Air Conditioning and Temperature Control systems, Access control and many types of machinery.

General Specifications

General:	
Operating System	Linux 4.4.0 QT based
Processor	Cortex A35 1.2GHz
Display	
Size	15.0"
Resolution	1920 x 1080
Colours	260,000 colours
Brightness (c/m^2)	220
Backlight	LED
Backlight Lifetime	50,000 Hours
Touch Panel	High Precision 4-wire resistive
Storage:	
Memory	512MB
Flash	4GB
SD Card Slot	Yes
USB Port	USB 2.0 Host, USB 2.0 Client
RTC:	
Real Time Clock	No
Calendar	Yes
I/O Port, COM1	CN1:RS422/485, CN2:RS232, CN3: RS485
Ethernet	Yes
IIoT	MQTT Client
	LUA Script

HMI Displays

Electrical Specifications

Rated Power	<15W
Power Voltage	24VDC
Supply Voltage range	12 – 28VDC

Mechanical Specifications

Housing Colour	Silver
Housing Material	Aluminium + Metal + ABS
Max. Dimensions, mm	403.0 x 253.0 x 35.2 (W,H,D)
Panel cut-out, mm	390.0 x 244.0 (W, H)
Mounting method	Through panel mount
	VESA 75 fixings
Weight (Kg)	2.46

Operation Environment Specifications

Operating Temperature range	-10 - +60°C
Storage Temperature	0 - +50°C
Humidity	10 – 90% RH (non-condensing)
Vibration Resistance	10~25Hz (X, Y, Z directions 2G/30 minutes
Cooling	Air cooling

Protection Category

IP Rating	IP65 (Front Panel)

Approvals

Compliance/ Certifications	UKCA/CE/FCC Class A
Declarations	MFR Declaration of Conformity

Configuration

RS PRO HMI Editor User Manual	Download from product page on RS Components website
PI Studio Configuration Software	Download from product page on RS Components website
APP for remote monitoring/control	IIoT Box: Free from Apple App Store or download from; http://v-box.net/theme/html/app.html

HMI Displays

Similar Products

Stock Number	Short Description
2508924	RS PRO Touch-Screen HMI, 3.5" TFT LCD 320 x 240. USB, RS422/485, 232
2508925	RS PRO Touch-Screen HMI, 4.3" TFT LCD 480 x 272. USB, RS422/485, 232
221-3481	RS PRO Touch-Screen HMI, 4.3" TFT LCD 480 x 272, Ethernet, USB, RS422/485, 232
215-6604	RS PRO Touch-Screen HMI, 7.0" TFT LCD 800 x 480, USB, RS422/485, 232
215-6605	RS PRO Touch-Screen HMI, 7.0" TFT LCD 800 x 480, Ethernet, USB, RS422/485, 232
2508926	RS PRO Touch-Screen HMI, 7.0" TFT LCD 800 x 480, Ethernet, USB, RS422/485, 232, CANopen
215-6607	RS PRO Touch-Screen HMI, 7.0" TFT LCD 800 x 480, Ethernet, USB, RS422/485, 232, IIoT MQTT Client. LUA Script. Remote monitoring/update via cloud server. Remote HMI Screen emulation and operation via iOS/Android App
215-6606	RS PRO Touch-Screen HMI, 10.2" TFT LCD 1024 x 600
2508928	RS PRO Touch-Screen HMI, 10.2" TFT LCD 800 x 480, Ethernet, USB, RS422/485, 232, IIoT MQTT Client. LUA Script. Remote monitoring/update via cloud server. Remote HMI Screen emulation and operation via iOS/Android App
2508927	RS PRO Touch-Screen HMI, 10.2" TFT LCD 800 x 480, Ethernet, USB, RS422/485, 232, CANopen
2508929	RS PRO Touch-Screen HMI, 15.0" TFT LCD 800 x 480, Ethernet, USB, RS422/485, 232, IIoT MQTT Client. LUA Script. Remote monitoring/update via cloud server. Remote HMI Screen emulation and operation via iOS/Android App

Dimensions, mm