

iRis HMI - Standard Series



Technical Datasheet

Hardware Features

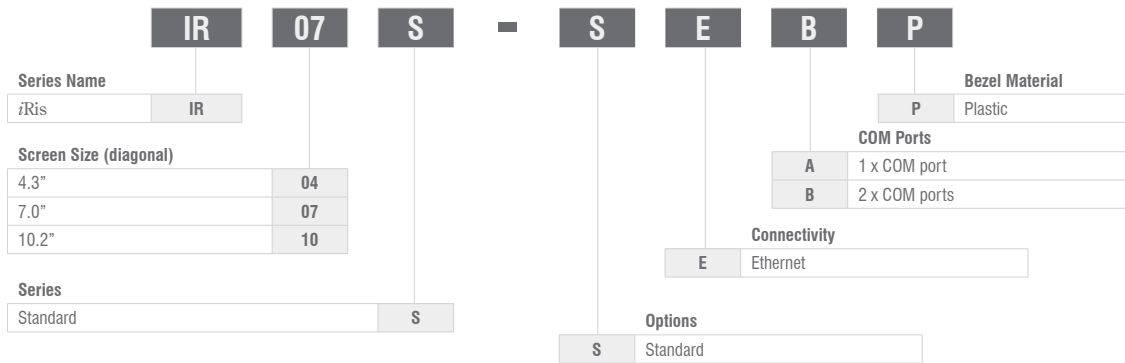
- Quad Core CPU
- 16M full colour
- Multiple display options
- Up to two USB ports, 1 x SD card
- IP65 rated
- Up to two Ethernet port
- Up to two serial ports

Software Features

- Free iRis Developer software
- Remote access - iRisCloud/VNC
- Email support and in-built FTP functionality
- PDF Viewer
- Offline and online simulator
- FDA 21 CFR Part 11 compliance
- HSMS SECS/GEM protocol support
- Java scripting
- Alarm management, data logging and scheduling
- Auto-screen resizing



Options & Ordering Codes



Specifications

Part Number	IR04S-SEAP	IR07S-SEBP	IR10S-SEBP
Size	4.3" TFT	7.0" TFT	10.2" TFT
Resolution / Colours	480 x 272 / 16M	800 x 480 / 16M	800 x 480 / 16M
Screen Memory	64 MB	128 MB	
Back-up Memory	512 KB		
COM 1	COM1: RS-232C	RS-232C. Connector: DSUB 9-pin x 1	
COM 2	COM2: RS-422/485 Connector: DSUB 9-pin x 1	RS-422/485. Connector: DSUB 9-pin x 1	
Ethernet	1 x RJ-45 port, 10/100 Mbps		2 x RJ-45 port, 10/100 Mbps
USB Host	No	USB 2.0 Compatible Support: Storage, Barcode scanner Connector: USB A x 1	
USB OTG	USB 2.0 Compatible Support: Storage, Barcode scanner Connector: USB Mini-B x 1		
SD Card	1 x SDHC (Max 32GB)		
Real Time Clock	Built In		
Certification	CE, UL, cUL, UKCA		
IP Rating	IP65		
Input Voltage	24VDC (20-28VDC)		
Power Consumption	12W		15W

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Specifications cont.

Part Number	IR04S-SEAP	IR07S-SEBP	IR10S-SEBP
Operating Temperature	-10°C to +50°C (-14°F to +122°F)		
Net Weight	0.28kg (0.62lbs)	0.72kg (1.59lbs)	1.7kg (3.75lbs)
External Dimensions	128.6 x 102.6 x 38mm (5.06 x 4.04 x 1.50in)	212 x 145 x 45.6mm (8.35 x 5.71 x 1.80in)	274 x 216 x 64.7mm (10.79 x 8.50 x 2.55in)
Panel cut-out Dimensions	121 x 95mm (4.76 x 3.74in)	197 x 127 (7.76 x 5.00in)	260 x 202 (10.24 x 7.95in)
Housing Material	Polycarbonate (Flame Resistant)		

Serial port connections (Female D-Sub Connector)

Pin No.	IR04S-SEAP		IR07S-SEBP/ IR10S-SEBP			
	COM1/COM2		COM1		COM2	
	Signal	Description	Signal	Description	Signal	Description
1	RDA (RD+)	COM2: RS-422/485 Receive Data (+)	-	-	RDA (RD+)	RS-422/485 Receive Data (+)
2	RD (RxD)	COM1: RS-232C Receive Data	RD (RxD)	RS-232C Receive Data	RD (RxD)	RS-232C Receive Data
3	SD (TxD)	COM1: RS-232C Send Data	SD (TxD)	RS-232C Send Data	SD (TxD)	RS-232C Send Data
4	RDB (RD-)	COM2: RS-422/485 Receive Data (-)	-	-	RDB (RD-)	RS-422/485 Receive Data (-)
5	SG	Signal Ground	SG	Signal Ground	SG	Signal Ground
6	SDA (SD+)	COM2: RS-422/485 Send Data (-)	-	-	SDA (SD+)	RS-422/485 Send Data (+)
7	-	-	VCC	+5 V, 0.2A	-	-
8	VCC GND	Power Ground	VCC GND	Power Ground	-	-
9	SDB (SD-)	COM2: RS-422/485 Receive Data (-)	-	-	SDB(SD-)	RS-422/485 Send Data (-)

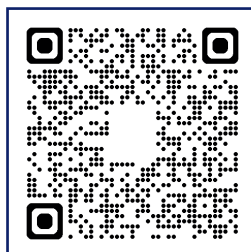
Accessories

Part Number	USB-301A
Description	USB Programming Cable

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