SED-1010S Industrial High Speed RS-232 over CAT-5 Extender

Features

- Full-Duplex Data Communication
- Pure Hardware Solution (Real-Time Data Transfer)
- Transfer Data Between Equipment
- One CAT-5 Cable Extension
- Compatible with All RS-232 Protocols
- No Software Configuration

Description

The SED-1010S Industrial High Speed RS-232 over CAT-5 Extender with Surge Protection lets users transfer data to a device up to 1.2KM at transfer rates of up to 115.2Kbps.   For distances of 100M or closer, the SED-1010S supports high speeds of up to 921.6Kbps.   The SED-1010S can also be used without a power adapter.   An optional power supply is available for those applications that need more power than the host can provide.   Featuring an extended operating temperature of -30°C ~ 75°C, the SED will work in numerous operating environments.   The SED-1010S' many useful features make it a very valuable device for industrial applications.

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Specifications

Standard

Mode	Asynchronous serial communication
Speed	Up to 115. 2kbps 1.2KM (921.6kbps 100M)
Connector	RJ45, DB9Female
Signals	TXD, RXD, CTS, RTS
Protection	15KV ESD Protection for All signals RJ45 Surge Protection
Distance	Max 1.2Km 115.2Kbps, CAT5, CAT5e
Data Bits	5,6,7,8
Stop Bits	1,1.5,2
Parity	None, Even, Odd, Space, Mark

Software

OS	No Software Required

Hardware

Power Input	10~30VDC
Power Consumption	15mA@24VDC
LED	Power, TXD, RXD
Dimensions (W x H x D)	42.5 x 22.5 x 106 mm (1.67 x 0.89 x 4.17 inches)
Weight	86g

Package Content

SED-1010S x 1
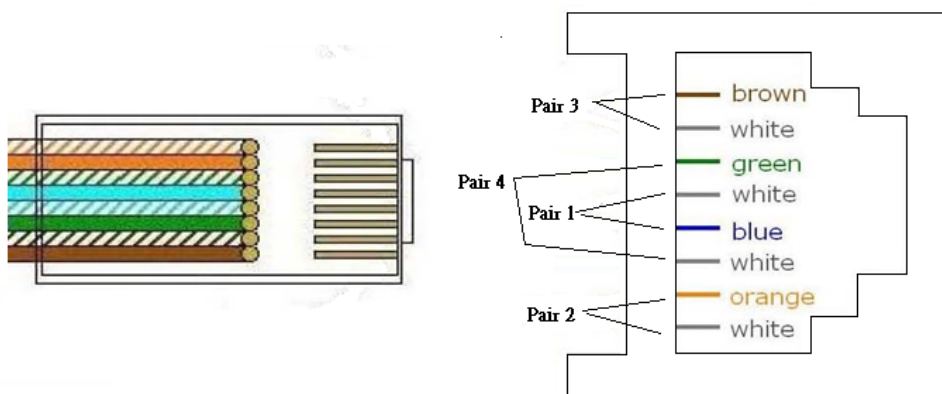
User Manual x 1

Power Adapter (Optional)

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RS232 DB9 Female 9 PIN Definition

	Signal
1	N/A
2	TXD
3	RXD
4	N/A
5	GND
6	N/A
7	CTS
8	RTS
9	N/A

RJ45 8PIN Definition

PIN NO	COLOR	PIN NO	COLOR
1	White-Orange	5	White-Blue
2	Orange	6	Green
3	White-Green	7	White-Brown
4	Blue	8	Brown

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DB9 Male Cable
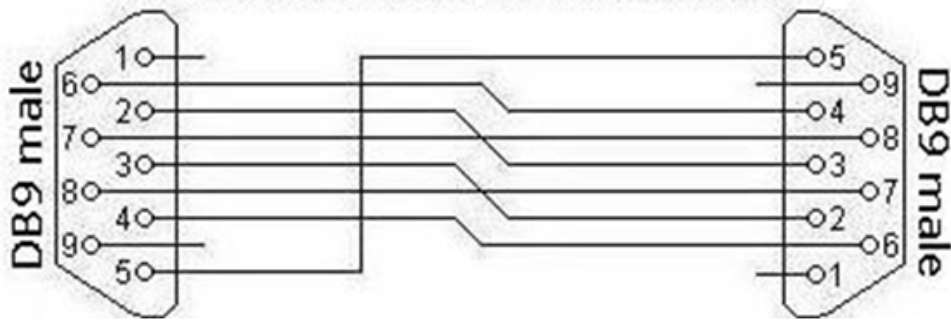
Environmental

Operating Temp.	-30~75℃
Storage Temp.	-40~85℃
Humidity	5~95% Non-Condensing
Case	PC

Approvals

CE, FCC, RoHs Compliant

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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