TIS COMMUNICATION PORT

IP Gateway with RS232/RS485 Ports

Data Sheet Rev 3.2

Model: IP-COM-PORT

OVERVIEW

This product is a programming and communication gateway ideal for integration of third-party devices with TIS network. Additionally, it can be used as a modbus RTU master or slave converter.

KEY BENEFITS

- TIS cloud server connectivity
- Third-party equipment integration
- Reliable communication gateway
- Applicable for multiple sources

KEY FEATURES

- Operating on TIS BUS protocol
- Standard din-rail module
- Featuring RS232/RS485 ports
- Offering UDP & TCP connections

BARCODE (UPC-12)

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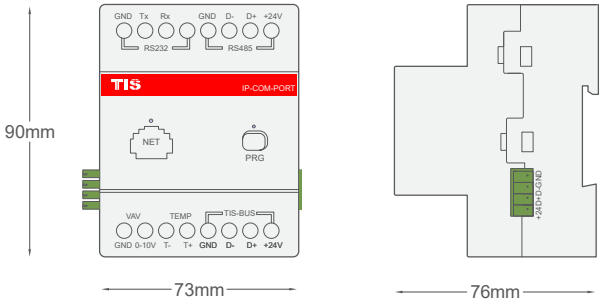
Model: IP-COM-PORT

PRODUCT SPECIFICATIONS

	Ports	RS232	RS232 ASCII / HEX 2 way connection
		RS485	Modbus, RS485 ASCII / HEX 2 way connection
		RJ45	Ethernet UDP - TCP/IP connection
TISBUS	**TIS Bus**	Number of devices on 1 line	Max. 64
		Bus voltage	12-32 V DC
		Current consumption	<30 mA / 24 V DC
		Protection	Reverse polarity protection
	Reaction time		approx. 20ms
	Functions & programmable options	RS232	Sending 1980 × 15 ASCII characters messages, Receiving 99 × 15 ASCII characters messages
		RS485	Modbus RTU Slave/Master option Sending 1980 × 15 ASCII characters messages Receiving 99 × 15 ASCII characters messages
		Ethernet Rj45	UDP TIS Protocol – TCP/IP TIS Cloud
		Upgrading	By UDP Ethernet port
		PRG button	To reset IP address to 192.168.10.100 (default)
	Mounting	Din Rail	Standard 35 mm din rail
		Wall mount	screw holder on the back of the module
	Connection terminal	Load and Power	Screw terminal 0,25…4mm2
		Data / bus	Male/female connectors Link + screw Terminal
	Weight	Without packaging	210g
	Dimensions	Width x length x height	90mm x 73mm x 76mm
	Housing	Materials	Fireproof ABS
		Casing color	Black Gray
		IP rating	IP 20
	Temperature range	Operation	-30…60°C
		Storage	-20…60°C
		Transport	-30…75°C
	Air humidity		<85% non-condensing



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TIS CONTROL PTY LIMITED
SA , AUSTRALIA

TIS CONTROL LIMITED
Wanchai, Hong Kong