

Serial Device Server

ICDM-RX/TCP-16RJ45/2RJ45-PM



- Web-based configuration
- RS-232/422/485 software selectable interfaces
- TCP/IP & UDP Socket Services
- Device drivers (Windows and Linux)

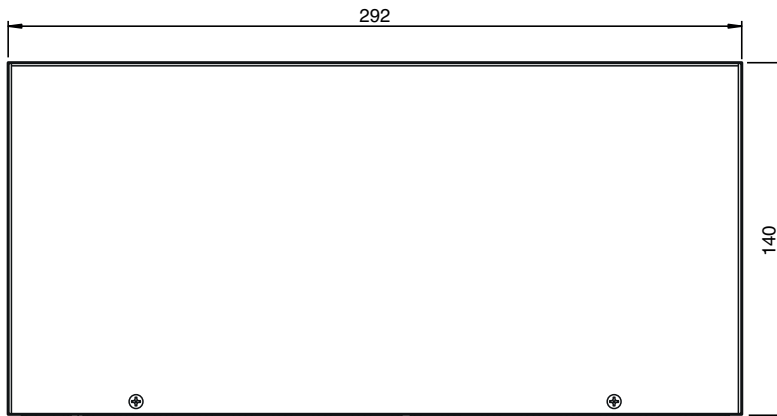
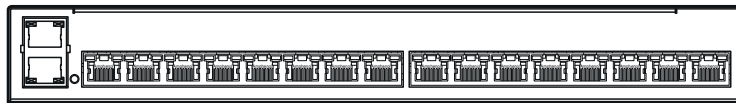
Device Server 16-port panel mount RJ45



Function

The ICDM-RX/TCP product family enables the connection of serial devices (RS-232 / RS-422 / RS-485) using a device driver (Windows or Linux) or Ethernet TCP/IP devices using socket services to an industrial Ethernet network. The integrated webserver enables complete configuration of all module parameters like serial interface, baud rate, parity, data bits, stop bits, or flow control. Products are available in different versions for DB9 or screw terminal connection.

Dimensions

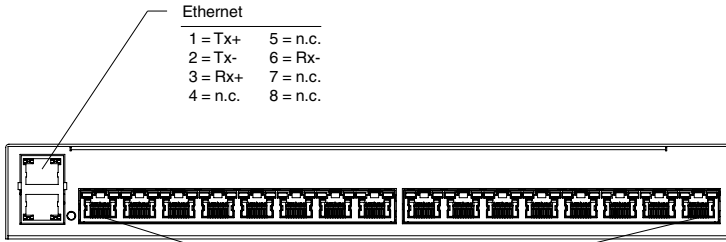


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Technical Data

General specifications	
UL File Number	E185802
MTBF	39.1 a
Indicators/operating means	
LED indication	see manual
Electrical specifications	
Rated operating voltage	U_e 9 ... 30 V DC
Nominal voltage	24 V DC
Interface	
Interface type	Software selectable interfaces: RS-232 , RS-422 , RS-485 (2 and 4-wire)
Physical	16 x RJ45
Protocol	Raw serial
Supported baud rates	300 bps to 230Kbps
Interface 1	
Interface type	Industrial Ethernet
Physical	2 x RJ45
Protocol	TCP/IP
Additional protocols	ARP, BOOTP, DHCP/RARP, HTTP, HTTPS, SSH, SSL/TLS, ICMP, RFC 1006 (ISO over TCP), SNMP (MIB-II), TCP/IP & UDP socket services, Telnet, and TFTP, and supports IP multicast data transmission
Transfer rate	10/100 Mbps
Directive conformity	
Electromagnetic compatibility	
Directive 2014/30/EU	EN 55032:2015+A11:2020 , EN 55035:2017/A11:2020
RoHS	EN IEC 63000:2018
Standard conformity	
Electrical safety	EN 62368-1:2014-08
Emitted interference	EN 55032, FCC Part 15 Subpart B, ICES-003, AS/NZS CISPR 32
Noise immunity	EN 55035:2017/A11:2020
Ambient conditions	
Ambient temperature	-40 ... 60 °C (-40 ... 140 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
Relative humidity	max. 95 %
Altitude	0 ... 3048 m
Mechanical specifications	
Degree of protection	IP20
Connection	Power Supply: screw terminals Fieldbus: 2 x RJ45 Inputs/outputs: 8 x RJ45
Material	
Housing	steel, black coated
Mass	1.11 kg
Dimensions	
Height	38 mm
Width	140 mm
Length	292 mm
Construction type	Cabinet module
Mounting	Panel

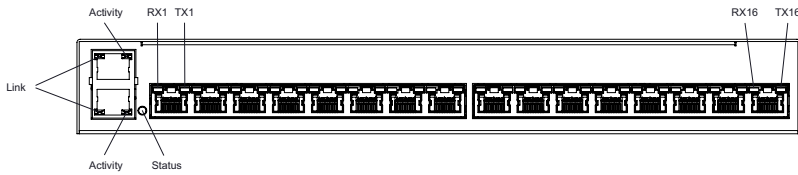
Connection



Serial Ports 1 - 16

Pin	RS-232	RS-422 RS-485 (4-Wire)	RS-485 (2-Wire)
	1	RTS	Not Used
2	DSR	RxD-	Not Used
3	DCD	Not Used	Not Used
4	RxD	RxD+	Not Used
5	TxD	TxD+	TxD/RxD+
6	GND	GND	GND
7	DTR	TxD-	TxD/RxD-
8	CTS	Not Used	Not Used

Indication



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