



Model number

ICDM-RX/TCP-DB9/RJ45-PM

Serial Device Server 1-port Panel Mount DB9

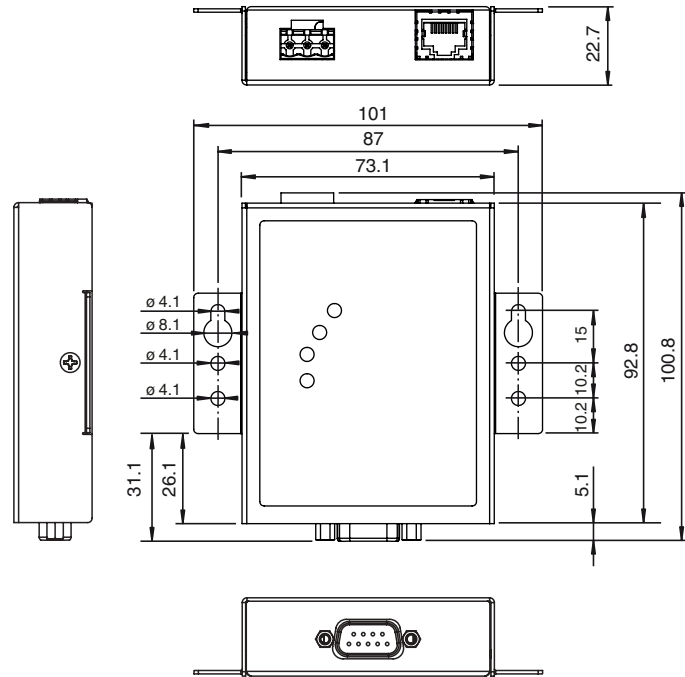
Features

- Panel mounting and DB9 connector
- RS-232/422/485 software selectable interfaces
- Web-based configuration
- TCP/IP & UDP Socket Services
- Device drivers (Windows and Linux)

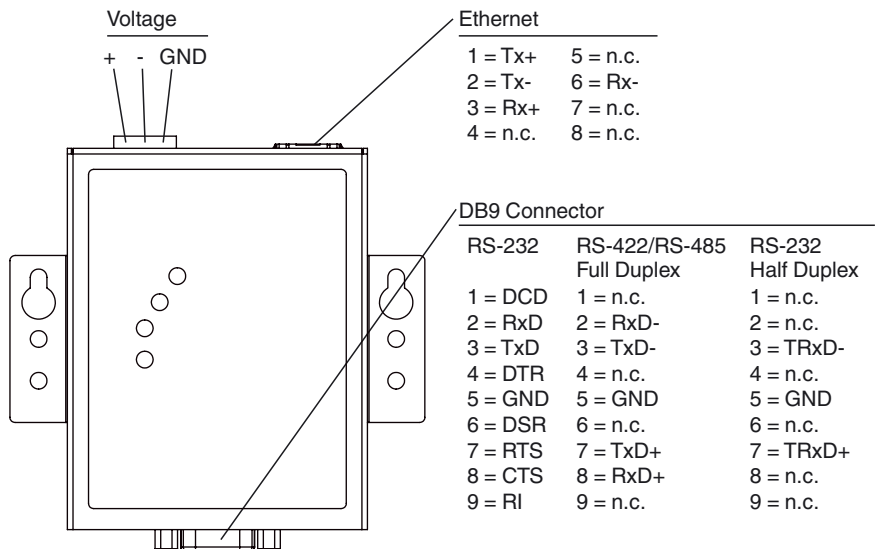
Function

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.

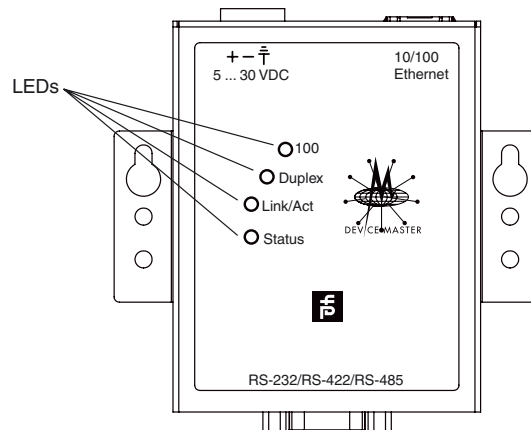
Dimensions



Electrical connection



Indicating / Operating means



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Technical data**General specifications**

UL File Number	E185802
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Indicators/operating means

LED indication	see manual
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Electrical specifications

Rated operating voltage	U_e	5 ... 30 V DC
Nominal voltage		24 V DC

Interface

Interface type	Software selectable interfaces: RS-232 RS-422 RS-485 2-wire
Physical	1 x DB9
Protocol	Raw serial
Supported baud rates	300 bps to 230Kbps

Interface 1

Interface type	Industrial Ethernet
Physical	1 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 55022:2010 , AS/NZS CISPR 22; 2009 + A1: 2010 , EN 61000-6-4 , EN 55032

Standard conformity

Electrical safety	CSA C22.2 No. 60950 / CSA C22.2 No. 60950/UL60950
Emitted interference	AS/NZS EN 55022, FCC Part 15 Subpart B, ICES-003, CISPR 22
Noise immunity	EN 61000-6-2 , EN 55024

Ambient conditions

Ambient temperature	-40 ... 75 °C (-40 ... 167 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)
Relative humidity	max. 95 %
Altitude	0 ... 3048 m

Mechanical specifications

Connection	Power Supply: pluggable screw terminal Fieldbus: 1 x RJ45 Inputs/outputs: 1 x DB9
Material	
Housing	stainless steel
Mass	220g
Construction type	Cabinet module
Mounting	panel mount

Accessories**V45-G-C5-GN1M-PUR-E1S**

Ethernet bus cable male cordset single-ended RJ45 PROFINET-coded, 4-pin, PUR cable green, Cat5e, shielded

V45-G-C5-GN3M-PUR-E1S

Ethernet bus cable male cordset single-ended RJ45 PROFINET-coded, 4-pin, PUR cable green, Cat5e, shielded

V45-G-C5-GN10M-PUR-E1S

Ethernet bus cable male cordset single-ended RJ45 PROFINET-coded, 4-pin, PUR cable green, Cat5e, shielded

V45-G-C5-GN1M-PUR-E1S-V45-G

Ethernet bus cable RJ45 to RJ45 PROFINET-coded, 4-pin, PUR cable green, Cat5e, shielded

V45-G-C5-GN3M-PUR-E1S-V45-G

Ethernet bus cable RJ45 to RJ45 PROFINET-coded, 4-pin, PUR cable green, Cat5e, shielded

V45-G-C5-GN10M-PUR-E1S-V45-G

Ethernet bus cable RJ45 to RJ45 PROFINET-coded, 4-pin, PUR cable green, Cat5e, shielded

V45-G-C5-GN20M-PUR-E1S-V45-G

Ethernet bus cable RJ45 to RJ45 PROFINET-coded, 4-pin, PUR cable green, Cat5e, shielded