

## Part Number: IOLAN DS1 T

Compact Industrial Ethernet media converter, 1 serial DB9M interface



### Product Description

Compact Industrial Ethernet media converter is equipped with a serial DB9M interface as well as a Fast Ethernet port with RJ45 connection. The converter can be mounted directly on a wall, or on a top-hat rail using an (optional) adapter.

### Technical Specifications

#### Product description

Part Number:	942 036-001
Port type and quantity:	1 x RS323/422/485 on RJ45 connector, 1 x 10/100BaseTX Ethernet

#### Displays

LEDs:	Power, link status; serial: data per port
-------	-------------------------------------------

#### More Interfaces

Power supply/signaling contact:	1 x terminal block, 2-pin
V.24 interface:	1 x serial port (can be configured as consol port, via DIP switch)

#### Network size - length of cable

Twisted pair (TP):	0-100 m
Serial (RS232, RS422, RS485):	10-15 m

#### Power requirements

Heat dissipation:	5.8 Btu
Operating Voltage:	9-30 VDC

#### Service

Protocols:	IPv6, IPv4, TCP/IP, ARP, RARP, UDP, UDP Multicast, ICMP, BOOTP, DHCP, TFTP, Telnet, raw, reverse Telnet, WINS, HTTP, SNMPV3, RFC2217
------------	--------------------------------------------------------------------------------------------------------------------------------------

#### Software

Configuration:	Telnet, SSH v1 and v2, Rlogin, Auto session login, LPD, RCP printer, MOTD - Message of the day
Security:	Local database user-ID/password, disable unused daemons
Flow control:	Hardware, Software, Both

#### Ambient conditions

Operating temperature:	-40-+70 °C
Storage/transport temperature:	-40-+70 °C
Relative humidity (non-condensing):	5-95 %

#### Mechanical construction

Dimensions (WxHxD):	91 mm x 89 mm x 24 mm
Weight:	230 g
Mounting:	Wall mounting
Protection class:	IP40

#### EMC emitted immunity

EN 55022:	EN 55022 Class A
FCC CFR47 Part 15:	FCC CFR-47, Part 15, Class A

## Approvals

Safety of industrial control equipment:	cUL 60950-1
-----------------------------------------	-------------

## Scope of delivery and accessories

Accessories to Order Separately:	Adapter for DIN Rail
Scope of delivery:	Device, Manual CD, Quick start description

## Variants

Item #
942036001

© 2019 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.