Product information
IOLAN DS1 T

Industrial Ethernet:Serial to Ethernet converters:IOLAN DS1 T	
http://e-catalog.hirschmann.com/link/57078-24455-157770-158317/en/conf/uistate	
Name	**IOLAN DS1 T**
	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.
Delivery informations	
Availability	available
Product description	
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.
Port type and quantity	1 x RS 232 / RS 422 / RS 485 on RJ45 connector, 1 x 10/100BaseTX Ethernet
Type	IOLAN DS1 T
Order No.	942 036-001
Classification	
Belden brand	Hirschmann
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	
Serial (RS232, RS422, RS485)	10 m ... 15 m
Twisted pair (TP)	0 m ... 100 m
Power requirements	
Operating voltage	9-30 VDC
Heat dissipation	5.8 Btu (IT) h
Software	
Configuration	Telnet; SSH v1 and v2; Rlogin; Auto session login; LPD, RCP printer; MOTD - Message of the day
Security	SSH v1 and v2; SSL V3.0/TLS V1.0, SSL V2.0; SSL Server and SSL client mode capability; SSL Peer authentication; IPSec VPN : NAT Traversal, ESP authentication protocol; Encryption: AES (256/192/128), 3DES, DES, Blowfish, CAST128, ARCFOUR(RC4), ARCTWO(RC2); Hashing Algorithms: MD5, SHA-1, RIPEMD160, SHA1-96, and MD5-96; Key exchange: RSA, EDH-RSA, EDH-DSS, ADH; X.509 Certificate verification: RSA, DSA; Certificate authority (CA) list; Local database; RADIUS Authentication, Authorization and Accounting; TACACS+ Authentication, Authorization and Accounting; LDAP, NIS, Kerberos Authentication; RSA SecureID-agent or via RADIUS Authentication; SNMP v3 Authentication and Encryption support; IP Address filtering; Disable unused daemons; Active Directory via LDAP
Redundancy functions	n/a
Flow control	Hardware, Software, Both
Protocols	IPv6, IPv4, TCP/IP, ARP, RARP, UDP, UDP Multicast, ICMP, BOOTP, DHCP, TFTP, Telnet, raw, reverse Telnet, WINS, HTTP, SNMPV3, RFC2217
Ambient conditions	
Operating temperature	-40 ℃ ... 70 ℃
Storage/transport temperature	-40 ℃ ... 70 ℃
Relative humidity (non-condensing)	5 % ... 95 %
Mechanical construction	
Dimensions (W x H x D)	91 mm x 89 mm x 24 mm
Mounting	Wall mounting
Weight	230 g
Protection class	IP40
EMC emitted immunity	
FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A

EN 55022	EN 55022 Class A
Approvals	
Safety of industrial control equipment	cUL 60950-1
Hazardous locations	n/a
Scope of delivery and accessories	
Scope of delivery	Device, Manual CD, Quick start description
Accessories to order separately	Adapter for DIN Rail

For more information please contact:

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