



Product information
IOLAN DS1 T
942 036-001

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 RS323/422/485 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 °C ... 70 °C	
Storage/transport temperature	-40 °C ... 70 °C	
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	

The information published has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price related/commercial respect.



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

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