

1xRS232/422/485 to 2x10/100TX Industrial Device Server



Hardware Specification

LAN	Ethernet: 2 10/100Mbps, RJ-45 (Redundant mode, Switch mode) Protection: Built-in 1.5 KV magnetic isolation
Serial	No. of ports: 1 RS-232/ 422/ 485 port, male DB-9, S/W selectable RS-232 Signals: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND Serial Line Protection: 15 KV ESD for all signals
DIP Switch	4 modes available for RS-232, RS-422, RS-485 two-wire, RS-485 four-wire
Beeper	Beeper for event warning or unit positioning
Serial Communication Parameters	Parity: None, Even, Odd, Space, Mark Data bits: 5, 6, 7, 8 Stop bits: 1, 1.5, 2 Flow control: RTS/CTS, XON/XOFF Speed: 110 bps to 460.8Kbps
LED	PWR 1 / Ready: 1) Red On: Power is on and booting up. Red Blinking: Indicates an IP conflict, or DHCP or BOOTP server did not respond properly. 2) Green On: Power is on and functioning normally. Green Blinking: Located by Administrator's Location function. PWR 2 / Ready: 1) Red On: Power is on and booting up. Red Blinking: Indicates an IP conflict, or DHCP or BOOTP server did not respond properly. 2) Green On: Power is on and functioning normally. Green Blinking: Located by Administrator's Location function. Eth1 Link / ACT: Orange Blinking: 10 Mbps Ethernet; Green Blinking:100 Mbps Ethernet Eth2 Link / ACT: Orange Blinking:10 Mbps Ethernet; Green Blinking:100 Mbps Ethernet TX / RX: Serial port is receiving data(Orange); Serial port is transmitting data(Green).
Power Supply	Power Input 1: 12 to 48 VDC (3-pin Terminal Block) Power Input 2 (Redundant Power): 12 to 48 VDC (Φ2.0 DC Jack) Power Line protection: <ul style="list-style-type: none"> ▪ 1 KV Burst (EFT), EN61000-4-4 ▪ 0.5 KV Surge, EN61000-4-5
Power Consumption	3.55 Watt
Operating Humidity	5% to 95% (Non-condensing)
Operating Temperature	-10°C to 60°C
Storage Temperature	-40°C to 85°C
Mechanical Specifications	Material: Metal, IP-30
Case Dimension	72mm (W) x 32mm (D) x 100mm (H)
Regulatory Approval	RoHS
EMC	FCC Class A, CE Class A
Safety	UL, CUL

*: Future release

Software Feature

Protocols	ICMP, IP, TCP, UDP, DHCP, BootP, ARP / RARP, Telnet, RTelnet, DNS, SNMP MIB II, HTTP, SMTP, SNTP
Serial mode	Virtual Com / TCP Server / TCP Client / UDP / Serial Tunnel with advanced settings of <ul style="list-style-type: none"> ▪ TCP Alive Check Timeout ▪ Inactivity Timeout ▪ Delimiter for Data Packing ▪ Force TX Timeout for Data Packing
4 Hosts simultaneous connection	Virtual Com / TCP server / TCP Client (only raw data)
Security	HTTPS, SSH v2, SSL v3(data encryption)**
Event notification	Email / SNMP trap / Beeper SNMP Trap <ul style="list-style-type: none"> ▪ Cold/Warm Start ▪ DSR, DCD Changed ▪ IP Changed ▪ Authentication Fail SNMP Response <ul style="list-style-type: none"> ▪ System MIB, ▪ Interface MIB, ▪ ICMP, IP, TCP MIB ▪ UDP MIB ▪ RS-232 MIB
Utilities	X-Ware for Windows NT/2000/XP/2003/Vista <ul style="list-style-type: none"> ▪ Device discovery ▪ Auto IP report ▪ Device setting (run-time change, no rebooting) ▪ Access control list ▪ Group setting ▪ Device monitoring ▪ Serial port monitoring ▪ Log info ▪ Group Firmware update batch
Virtual COM/TTY Drivers (WDM mode, configuration in windows device manager)	Windows NT/2000/XP/2003, <ul style="list-style-type: none"> ▪ Unix Fixed TTY driver by request **, Linux real TTY driver by request **
Management	Web, X-Ware Utilities , SNMP , and Telnet
Serial API Function	Port Control, Input/Output Data, Port Status Inquiry

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** : Optional

Order Information

Part Number	Product Family	Description
26 700 680	DragonLine	1xRS-232/422/485 port to 2x10/100TX Industrial Device Server