

## Industrial 1 RS-232/422/485 port to 2 100TX Ethernet Device Serve



### Highlights

- Redundant Ethernet ports: Recovery less than 20ms
- 2 Power inputs: 12-48VDC on power jack and terminal block
- HTTPS and SSH secured management
- Event warning by syslog, Email, SNMP trap and Beeper
- Serial Modes :Virtual Com, TCP server, TCP Client, UDP , Serial Tunnel
- X-ware windows utility can simplify your device management
- Best usage for POS, Card reader, PLC, HMI, Medical instrument..etc

### Features

- Management (Ds-tool)
  - Device recovery
  - Device setting
  - Group setting
  - Serial port monitoring
  - Group Firmware upgrade
  - Auto IP report
  - Access control list
  - Device monitoring
  - Log info
- Serial Mode
  - Virtual Com
  - TCP Client
  - Serial Tunnel
  - TCP Server
  - UDP
- Multiple Link
  - Virtual Com/ TCP server/ TCP Client
- VCOM driver
  - Windows NT/2000/XP/VISTA
- Configuration
  - Web HTTP console
  - SHH console
  - DS-Tool for Windows NT/2000/Xp/VISTA
- Security
  - HTTPS, SSH
  - Event warning by Syslog, Email, SNMP Trap and Beeper

### Specification

Interface		Mechanical	
LED	PWR 1	Casing	Metal Case with IP-30 protection
	PWR 2	Dimensions	74mm(W) x100mm(D)x31mm (H)
	Eth 1 Link /ACT	Installation	wall mount or DIN-type
	Eth 2 Link /ACT	<b>Environment</b>	
	TX/RX	Operating Temperature	Standard: (-10°C~60°C)
Ethernet (RJ45) Ports	10/100TX: 2 x RJ-45 (Redundant )	Storage Temperature	-20°C~85°C
	Protection: Built-in 1.5KV magnetic isolation	Ambient Relative Humidity	5%~95% (Non-condensing)
Serial Ports	1 x RS232/RS422/RS485, Male DB-9	<b>Regulatory Approvals</b>	
	RS-232:TxD,RxD,RTS,CTS,DTR,DSR,DCD,GND	Safety	UL, cUL, FCC Class A , EN55022
	Protection: Build-in 15KV ESD protection	EMS	CE EN61000-4-2 (ESD),
Dip Switch	4 modes available for RS-232, RS-422, RS-485 two-wire, RS-485 four-wire		CE EN61000-4-3 (RS),
DC Power Jack	1 power jack for power adapter		CE EN61000-4-4 (EFT)
Terminal Block	1 terminal block with 3 pin		CE EN61000-4-5 (Surge)
<b>Power</b>			CE EN61000-4-6 (CS)
Input	PWR 1: 12-48 VDC power jack for PWR adapter	Environmental Test	IEC60068-2-32(Freefall)
	PWR 2: 12-48 VDC 3 pin terminal block		IEC60068-2-27 (Shock)
Power Consumption	4W Max.		
Reverse Polarity Protection	Present		

### Ordering information

IDS-S012	1 RS-232 / 422 / 485 port to 2 100TX Ethernet Device Serve
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