EKI-1528
EKI-1526

8-port RS-232/422/485 Serial Device Server

16-port RS-232/422/485 Serial Device Server

NEW

EKI-1528   EKI-1526

Features

- 8 or 16-port RS-232/422/485 serial communication
- Supports dual 10/100M auto-sensing Ethernet ports
- Supports baud rates from 50 bps to 921.6 Kbps
- Provides COM port redirection (Virtual COM), TCP/UDP server/client operation modes
- Provides rich configuration methods: Web console, Telnet console, Serial console and Windows utility
- Supports an advanced security mechanism to avoid unauthorized access
- Built-in 15 KV ESD protection for all signals
- Easy-managing Advantech Serial Device Server Configuration Utility for Windows 2000/XP/Vista (x86)
- Built-in buzzer for easy location
- Standard 1U rackmount size
- Rear wiring
- Automatic RS-485 data flow control

Introduction

EKI-1528 and EKI-1526 are industrial-grade network-based serial device servers for connecting up to 8 or 16 serial RS-232/422/485 devices, such as CNCs, PLCs, scales and scanners, directly to a TCP/IP network. The EKI-1528 and EKI-1526 feature two independent Ethernet ports and MAC addresses to provide a redundant networking mechanism to guarantee Ethernet networking reliability. The EKI-1528 and EKI-1526 provide a simple and cost-effective way to bring the advantages of remote management and data accessibility to thousand of devices that can't connect to an Ethernet network. The EKI-1528 and EKI-1526 offer rich ways to configure through Windows utility, web console, serial console or telent console, these methods make it easy manage many EKI-1528 and EKI-1526 or serial devices on your network.

Specifications

Ethernet Communications

Compatibility	EEE802.3, IEEE802.3u
Speed	10/100 Mbps, auto MDI/MDIX
No. of Ports	2
Port Connector	8-pin RJ45 x 2 (with LED)
Protection	Built-in 1.5 KV magnetic isolation

Serial Communications

Port Type	RS-232/422/485, software selectable
No. of Ports	EKI-1528: 8
	EKI-1526: 16
Port Connector	8-pin RJ45
Data Bits	5,6,7,8
Stop Bits	1,1.5,2
Parity Bits	None, Odd, Even, Space, Mark
Flow Control	XON/XOFF, RTS/CTS, DTR/DSR
Baud Rate	50 bps to 921.6 Kbps
Serial Signals	RS-232: TxD, RxD, CTS, RTS, DTR, DSR, DCD, GND
	RS-422: TxD+, TxD-, RxD+, RxD-, GND
	RS-485: Data+, Data-, GND
Protection	15 KV ESD protection for all signals, and enhanced protection for RS-422/485 lines

Software

Driver Support	Windows 2000/XP/Vista(x86)
Utility Software	Advantech Serial Device Server Configuration Utility
Operation Modes	COM port redirection mode (Virtual COM)
	TCP/UDP server (polling) mode
	TCP/UDP client (event handling) mode
	Pair connection (peer to peer) mode
Configuration	Serial console, Telenet console, Web console, Windows configuration utility
Protocols	ICMP, IP, TCP, UDP, BOOTP, DHCP, Auto IP, Telnet, SNMP, HTTP, DNS, SMTP, ARP
Management	SNMP MIB-II

Mechanics

Dimensions (H x W x D)	44 x 440 x 220 mm
Enclosure	SECC chassis
Mounting	Rack
Weight	EKI-1528: 2.53 kg
	EKI-1526: 2.58 kg

General

LED Indicators	System: Power, System Status
	LAN: Speed, Link/Active
	Serial: Tx, Rx
Alert Tools	Built-in buzzer and RTC (real time clock)
Reboot Trigger	Built-in WDT and push button for hardware reboot

Power Requirements

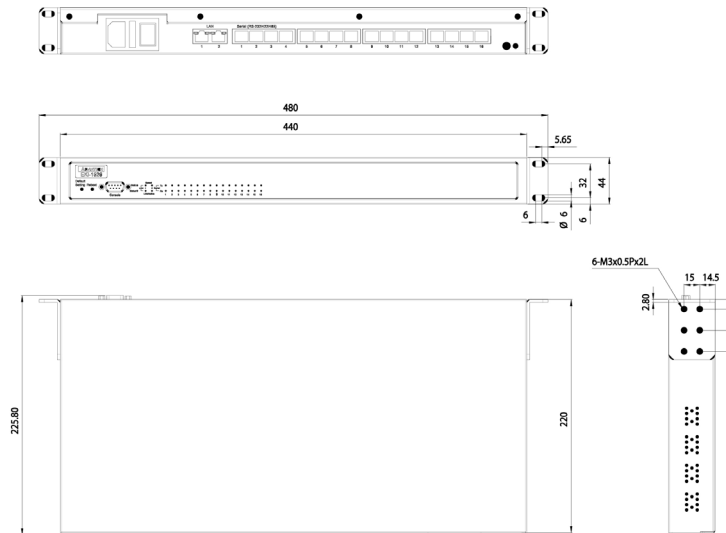|	
Power Input	90 ~ 260 VAC, 47 ~ 63 Hz
Power Consumption	EKI-1528: 8W
	EKI-1526: 10W

Environment

Operating Temperature	0 ~ 55 °C (32 ~ 131 °F)
Storage Temperature	-20 ~ 80 °C (-4 ~ 176 °F)
Operating Humidity	5 to 95 % RH

Regulatory Approvals

EMC	CE Class A, FCC Part 15 Subpart B Class A
Safety	UL (UL60950-1)

Dimensions

Dimensions (W x D x H): 440 x 220 x 44 mm

Physical Views

EKI-1528: Front View

EKI-1528: Rear View

EKI-1526: Front View

EKI-1526: Rear View

Ordering Information

- **EKI-1528**   8-port RS-232/422/485 Serial Device Server
- **EKI-1526**   16-port RS-232/422/485 Serial Device Server

*All items include 1pc 30cm RJ45 to DB9 (male) cable

Accessories

- **OPT1I**   1m RJ45 to DB9 (male) cable
- **OPT1J**   30cm RJ45 to DB9 (male) cable
- **1702002600**   Power Cable US Plug 1.8m
- **1702002605**   Power Cable EU Plug 1.8m
- **1702031801**   Power Cable UK Plug 1.8m
- **1702031836**   Power Cable China/Australia Plug 1.8m