

ETHERNET <-> RS-232/422/485 1 or 2 COM-Port Server

- Supports RS-232/422/485 serial communication
- Supports 10/100Base-T ethernet port
- High transmission speed up to 230 kbps
- Advanced security mechanism to avoid unauthorized access
- Auto-reconnecting
- Remote download firmware
- Auto-detection
- Supports Windows 98/NT/2000/XP
- Surge protection for serial line signals
- Automatic RS-485 data flow control

Description:

The modules are fast and cost effective data gateways between serial and ethernet interface. Functionally transparent and designed for remote control and monitoring of device via the internet. One or two serial ports supports transmission speed up to 230 kbps. You can use a Windows utility to configure the units without need for further programming.

Technical data:

ETHERNET COMMUNICATIONS:
Compatibility: IEEE802.3, IEEE802.3u
Speed: 10/100 Mbps
Connectors: 1 x RJ-45

SERIAL COMMUNICATIONS:
Type: RS-232/422/485
Connectors: 1 x RJ-48
(2 x RJ-48)
Ports: 1 (2)
Data bits: 5,6,7,8
Stop bits: 1, 1.5, 2
Parity bits: odd, even, none, space, mark

Baud rate: 50 bps ~ 230 kbps

Data signals:

RS-232:
TxD,RxD,CTS,RTS,
DTR,DSR,DCD,RI,GN
D

RS-422:
TxD+,TxD-,RxD+,
RxD-,DND

RS-485:
Data+,Data-,GND

Surge protection: 15 kV
ESD for serial signal

SOFTWARE:

Driver supported: Wind-
ows 98, NT, 2000, XP

Utility: Auto-detecting con-
figuration, port mapping
utility

Operation modes: virtual
COMport

MECHANICS:

Dimension (HxWxD):
70 x 130 x 30 mm

Mounting: DIN-rail, stack,
wall

GENERAL:

Certification: CE, FCC
class A

LED indicators:

Network: Tx/Rx,Link, Speed (10/100
mbps)

Serial: Tx/Rx

System: Status, Power

POWER:

Power input: unregulated 10 to 30 VDC

Power consumption: 4W

ENVIRONMENT:

Operating temperature: 0 ~ 60°C

Storage temperature: -20 ~ +80°C

Operating humidity: 20 ~ 95%
non-condensing



Order information:

ADAM-4570

2 Port Ethernet <->
RS-232/422/485 converter
(cable included)

ADAM-4571

1 Port Ethernet <->
RS-232/422/485 converter
(cable included)

PWR-426-013

Power supply 24V/2.1A for
DIN-rail mounting

