

AVE-NPI

Serial to Ethernet Converter
Network POS Interface



AMERICAN VIDEO EQUIPMENT

SERIAL ETHERNET DATA TRANSMISSION

AVE-NPI

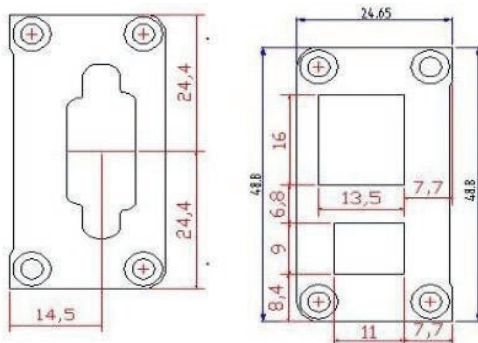
The AVE-NPI is a serial RS232 to Ethernet server used for data transparent transmission. It is a low-cost serial device server which provides bidirectional transparent transmission between RS232 and Ethernet.

RS232 to Ethernet

- Support DNS function
- Support DHCP
- Configure parameters set through webpage or Windows Application
- Upgrade firmware via network
- Auto-MDI/MDIX, RJ45 port with 10/100Mbps
- Serial port baud rate from 600 bps to 230.4 Kbps, Check bit of None, Odd, Even, Mark and Space
- Work mode: TCP Server, TCP Client, UDP Client, UDP Server, HTTPD Client
- Factory default restore function
- Heartbeat packet mechanism to ensure connection is reliable
- User-defined registration packet mechanism to check connection status across the network
- The global unique MAC address bought from IEEE, user can define MAC address
- Under TCP Server mode, Client number ranges from 1 to 16
- Can work on LAN or Internet



DIMENSIONS



AVE-NPI	
SERIAL	
Port Number	1
Interface Standard	RS-232: DB9
Data Bit	5, 6, 7, 8
Stop Bit	1, 2
Check Bit	None, Even, Odd, Space, Mark
Baud Rate	600 bps - 230.4 Kbps
Buffer	Receive: 800 bytes
ETHERNET	
Rate	10/100 Mbps, MDI/MDIX, auto switch between cross and direct connection
Interface Standard	RJ45
Port Number	1
Network Protocol	IP, TCP, UDP, DHCP, DNS, HTTP, ARP, ICMP
Protection	2KV electromagnetism isolation Shell insulation blocking
Buffer	Send: 6K bytes Receive: 4K bytes
SOFTWARE	
Configuration	Computer set-up software Serial command Built-in webpage
BASIC PARAMETER	
Size	71 x 60 x 25 mm
Operating Temp.	-25 - 75°C
Storage Temp.	-40 - 105°C 5 - 95% RH
Input Voltage	DC 4.75 - 7V
Working Current	150mA @ 5V
Accessory	1A power supply



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