



MD-N32

Serial RS232 -to Ethernet TCP/IP Gateway Unit

PRODUCT DETAILS

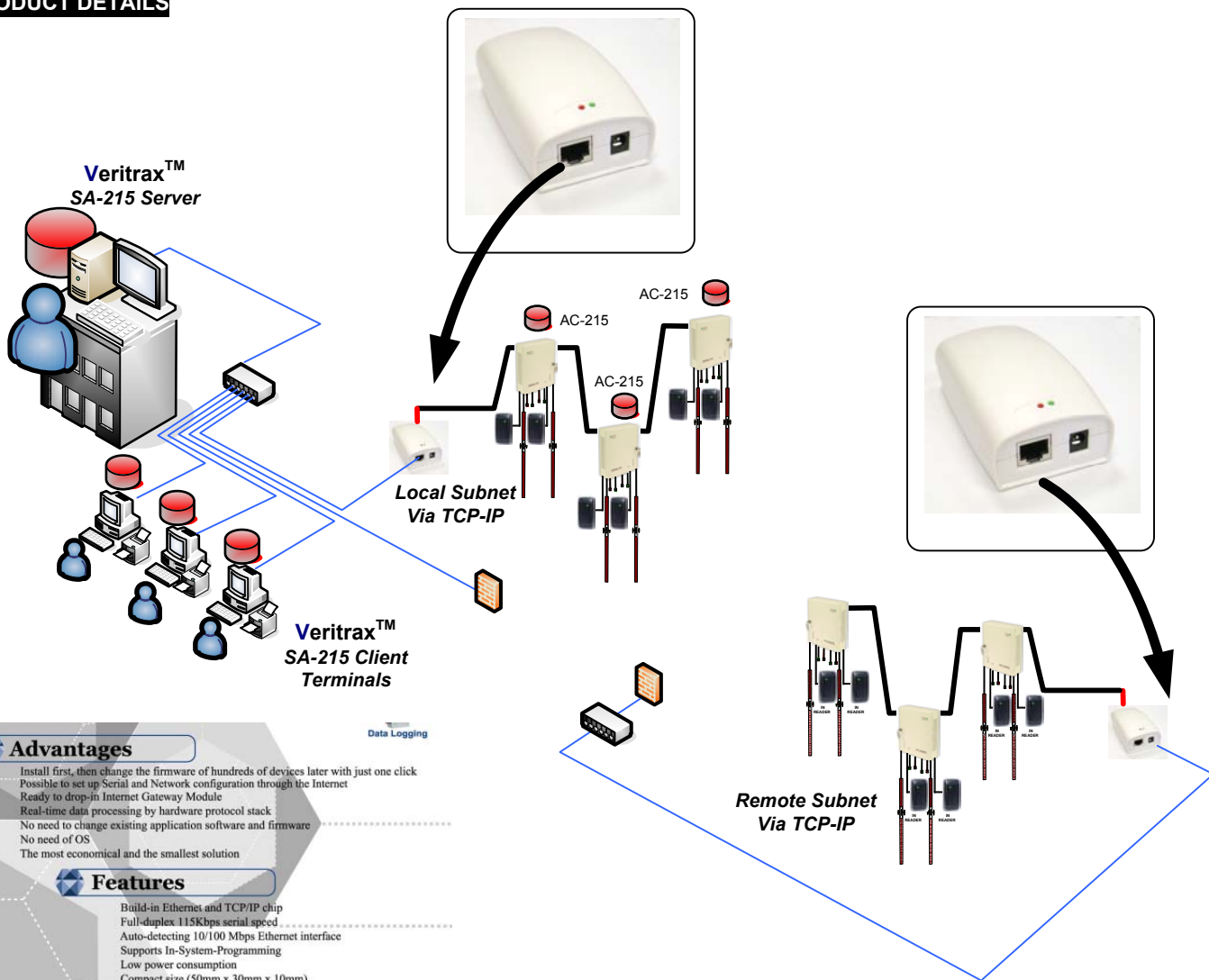


Figure 4: MD-N32 Integrate TCP/IP with AC-215

Advantages

- Install first, then change the firmware of hundreds of devices later with just one click
- Possible to set up Serial and Network configuration through the Internet
- Ready to drop-in Internet Gateway Module
- Real-time data processing by hardware protocol stack
- No need to change existing application software and firmware
- No need of OS
- The most economical and the smallest solution

Features

- Build-in Ethernet and TCP/IP chip
- Full-duplex 115Kbps serial speed
- Auto-detecting 10/100 Mbps Ethernet interface
- Supports In-System-Programming
- Low power consumption
- Compact size (50mm x 30mm x 10mm)

Data Logging

RS-232 CONNECTION COMMUNICATIONS DATA

- RS-232 Communications Method:** RS-232 / RS-485 – Half Duplex
D-9 Pin Type Connector
TXD, RXD, RTS, CTS, DTR, DSR, GND
- RS-232 Communications PORTS:** 1 RS-232 port (3.3V LVTTTL)
- RS-232 Serial Line Format:** Serial line format 8-N-1, 8-O-1, 8-E-1, 7-O-1, 7-E-1
- Serial Flow Control:** None, XON/XOFF, CTS/RTS
- RS-232 Communications Data Rate:** 1200bps ~ 115Kbps
- Remote Firmware Upgrade Support:** YES, MD-N32 Firmware can be updated from the Serial RS-232 Side, internal Bootstrap Loader and FLASH memory architecture.
- RS-485 Network Bus Distance (Max):** 1200 m Belden Shielded Pairs compatible if used with Rosslare's MD-14** RS-232 to RS-485 converter

ETHERNET CONNECTION COMMUNICATIONS DATA

- TCP/IP Remote LAN Support:** YES, Supports Remote TCP/IP Subnet (OEM MD-N32)
- Ethernet Protocols:** TCP, UDP, IP, ARP, ICMP, Ethernet MAC, RS-232
- Network Interface:** 10/100 Base-T Ethernet (Auto detection)
- RS-232 Communications Data Rate:** 57,600 Bits Per Second
- Remote Firmware Upgrade Support:** YES, MD-N32 Firmware can be updated from the TCP/IP Side, internal Bootstrap Loader and FLASH memory architecture.
- RS-485 Network Bus Distance (Max):** 1200 m Belden Shielded Pairs compatible if used with Rosslare's MD-14 RS-232 to RS-485 converter

INDICATIONS & MMI DATA << MD-N32 >>

- Link LED Visual Indicators:** 1 – Green LED (lights when Link established with Hub)
- PS LED Visual Indicators:** 1 – Red LED (lights when DC Power is connected)
- Audible Speaker Connection:** Yes, Tones for Programming

OPERATING DATA

- Operating Temperature :** 10°C ~ 80°C (Operating)
- Storage Temperature:** -40~85°C (Storage)
- Operating Humidity:** 10 to 90%

IP READER IN READER

PHYSICAL DATA << MD-N32 >>

- MD-N32 Dimensions [mm]** 30 mm x 85 mm x 120 mm
(1.2 in. x 3.3 in. x 4.7 in.)
- Weight [kg]** 50g
- Installation** Indoor Installation Only.

INTERNATIONAL STANDARDS << MD-N32 >>

- Standards Approvals** FCC / CE



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