cnReach™ N550 Terminal Server

QUICK LOOK:

- **Add Serial to TCP/IP conversion on any wireless or wired broadband network**
- **Single Pane of Glass Management**
- **Monitor/Configure devices remotely using cnMaestro™**
- **Flexible configuration enables integration with most serial-based devices in the field today**





cnMaestro READY

The cnReach Terminal Server delivers serial to Ethernet conversion enabling the addition or integration of serial connectivity to any wired or wireless TCP/IP network. In addition to serial connectivity, the terminal server supports MODBUS polling at the edge that can be published via MQTT. Finally, the cnReach Terminal Server is managed with cnMaestro providing a single pane of glass management across the network.

- Integrated MODBUS TCP to MODBUS RTU Conversion
- Supports TCP or UDP traffic and Server or Client modes
- Daisy-chain multiple units to add more serial ports
- MQTT Publish/Subscribe Integration
- Reduce traffic by up to 90% vs. traditional polling
- Make data available across entire organization
- Integrated local MODBUS Polling at the edge
- Data Concentrator applications to reduce polling

Management
Web-based Interface via HTTP/HTTPS
LINKPlanner integration (capacity and availability planning)
Remote Management via SNMP
cnMaestro™ integration
Support for configuration files, remote software upgrades
Built-in diagnostic tools via web interface such as RF Ping and RF Throughput

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Hardware Specifications

Ethernet Interfaces	2 x RJ-45 10/100BaseT, Full Duplex, rate auto negotiated (802.3 compliant)
Serial Interfaces	2 x RJ-45 RS-232/422/485, up to 230.4 kbps
Input Power	10–32VDC with reverse polarity protection
Power Consumption	293mA
Dimensions	140 mm x 89 mm x 38 mm (5.5in x 3.5in x 1.5in)
Weight	0.25 kg (0.55 lbs)
DIN Rail Mount	Included
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Humidity	95% operating humidity @ 40°C non-condensing
HAZLOC	Pending Approval to UL Class 1 / Div 2
Safety	UL Approved CE Mark
EMC	FCC Part 15 CE Mark

Ordering Information

N550 Terminal Server Two Serial Port	NB-N550082A-US

Optional Accessories

N500/550 Power Connector, Spare	NB-N500002A-US
Power Supply, AC to 24 VDC, DIN Rail Mount	NB-N500013A-GL
N500/N550 AC to 24 VDC Power Supply with US line cord	NB-N550001A-US
N500/N550 AC to 24 VDC Power Supply (no line cord)	NB-N500011B-GL

ABOUT CAMBIUM NETWORKS

Cambium Networks empowers millions of people with wireless connectivity worldwide. Its wireless portfolio is used by commercial and government network operators as well as broadband service providers to connect people, places and things. With a single network architecture spanning fixed wireless and Wi-Fi, Cambium Networks enables operators to achieve maximum performance with minimal spectrum. End-to-end cloud management transforms networks into dynamic environments that evolve to meet changing needs with minimal physical human intervention. Cambium Networks empowers a growing ecosystem of partners who design and deliver gigabit wireless solutions that just work.

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