

Industrial Terminal Server

The **XetaTS** is a Class 1 Div 2 certified industrial Terminal Server that is simple, reliable, and cost effective. The **XetaTS** is suited for applications requiring COM ports, serial tunneling, TCP/UDP sockets, or multiple unicast functionality.

TCP Terminal Sever, TCP Terminal Client, and UDP Terminal modes are supported along with Modbus Bridging and our no cost add-on Data Concentrator software module.

The **XetaTS** can be used with XetaWave products or any other serial or Ethernet wired or wireless product. Two Ethernet and two serial ports allow simple inline connection and the ability to translate between Ethernet and serial.



Key Features

Industrial Safe C1D2 certified and operational from -40oC to +85oC for hazardous industrial applications.

Interface Rich Includes 2 Ethernet ports and 2 serial ports.

Terminal Services TCP server, TCP client, and UDP server services for connecting to serial devices over.

Multiple Connections Up to 5 simultaneous connections to a TCP or UDP server.

Modbus Bridge Translate between Modbus RTU and Modbus TCP.

Data Concentrator Converge data from many Modbus services into a unified Modbus map or publish using MQTT.

XetaTS Debian Specifications

Processing

CPU	ARM Cortex-A8 @ 300 MHz
OS	Debian
RAM Flash	256 MB 4 GB

Interfaces

Power	2-pin Phoenix +10 to +32 Vdc
Ethernet	2x RJ45 10/100 Mbps Base-T
Serial	2x RJ45 up to 1Mbps RS232/422/485
Micro-USB	On-the-Go +5 Vdc @ 500 mA

Power

Voltage	+10 to +32 Vdc
Current	150 mA @ +12 Vdc

Environmental/Physical

Op. Temp.	-40°C to +85°C
Humidity	95% @ +40°C non-condensing
Safety	UL Class 1 Div 2
Dimensions	5.5" x 3.5" x 1.5"
Weight	182 grams

Functionality

Networking	Static IP Routing, Net Filtering, Port Forwarding, Network Address Translation, Modbus Bridging
Protocols	IEEE 802.3, TCP, UDP, ARP, DHCP, NTP, FTP, ICMP, HTTP, HTTPS, SSH, Telnet, Multicast SNMP
Management	Web GUI, SNMP v1, v2, & v3
VLANs	802.1q VLANs and Trunks
Serial Services	TCP/UDP Terminal Server, TCP Terminal Client, Up to 5 Simultaneous Connections
Diagnostics	IP Ping, Traceroute, IPERF, TCP Dump, DNS Lookup, Network Statistics, Serial Statistics, Modbus Bridging Statistics, Statistics Graphing and CSV downloading
Data Concentrator	No cost add-on to converge data from Modbus services into a unified Modbus map or publish with MQTT

Ordering

XETATS-22NPDNA	Plastic Enclosed, 2 Ethernet & 2 Serial
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