



## **XT-6632 – Encrypted L2 Tunnel via L3 UDP or TCP/IP Transport**



**XT-6632 1U Tunnel Appliance w/Gigabit Ethernet**

### **FEATURES**

- **The XT-6632 tunnels UDP or TCP in a single unit!**
- **128, 192 or 256 bit AES encryption at rates up to 700 Mbps**
- **10/100/1000 BaseT Ethernet ports**
- **Easy to set up and maintain using RS232 serial port or web interface**
- **Set up unit as server, client or client/server**
- **As a server, supports up to 128 ET or UT clients**
- **Extensive statistics logging and diagnostic tools**
- **Tunnels all Ethernet protocols including multicast traffic**
- **Tunnels 802.1Q tagged V-Lan trunks**
- **Ethernet to Ethernet encryption**
- **Link XTs LAN to LAN to bridge sites together**
- **Remote PC appears to be on the local network**
- **Ideal for remote Ethernet troubleshooting**
- **Compact 1U high: standalone or rack-mount**
- **Use with the UT-Soft software client or other UT/ET hardware**
- **Extensive filtering on packet characteristics**

### **DESCRIPTION**

The XT-6632 provides an encrypted tunnel at sustained speeds of 700 Mbps full duplex Ethernet. The XT-6632 Ethernet interfaces are 10/100/1000 BaseT Ethernet. The unit can be managed via a serial console or via a web interface.

Working in conjunction with any of the ET or UT series encryption devices, the XT-6632 encrypts data between private networks using the public Internet or any other transport, including private networks, as the transport.

The XT series uses AES 128, 192 or 256 bit encryption and creates a bridged Ethernet (layer 2) network using IP (layer 3) packets that you can configure as TCP or UDP. This allows one unit to work with older ET and UT devices .

The XT series operates through firewalls with only one UDP or TCP/IP port of your choice opened. A second port can also be configured. The XT bridges all Ethernet protocols including IPX, IP, NetBEUI, and other proprietary protocols.

The XT series gives you straight-forward, easy to configure AES encryption security without the configuration complexity of VPN.

#### **Applications for the XT Series**

- Utilities – Critical Infrastructure
- Gas and oil production, pipelines
- Retail – Stores, credit card readers
- Law Enforcement – Remote offices
- Medical – Meets HIPAA requirement for securely sending medical data
- Personnel working at home or on the road
- Financial industry
- Support entire remote office with one XT device
- More security in a corporate network
- Securely bridge networks over the Internet for lower communication expenses
- Remote network monitoring via the Internet

# XT-6632 Encrypted Ethernet Bridge Appliance with Gigabit Ethernet

## SPECIFICATIONS

### General

XT-6632 – Two Ethernet ports:

- 10/100/1000 BaseT interfaces
- Sustained throughput of 700 Mbps in AES256 UDP mode
- Sustained throughput of 789 Mbps in AES256 TCP mode
- Up to 128 simultaneous clients

### Protocol Features

- AES 128, 192 or 256 bit encryption
- Web browser configuration and management from local trusted interface
- Default IP address: 192.168.0.1
- Tunnels multicast packets
- Tunnels all protocols using TCP/IP or UDP transport

### Indicators

Front - Power, Drive Activity, Ethernet 0, Ethernet 1, Overheat

### Controls

Setup

Power

### Physical/Electrical

Power requirements: 100-240 VAC, 200 watts

Dimensions:

10 1/2" x 16 3/4" x 1 3/4", not including rack mount brackets. Otherwise it is 19" wide.

12 pounds

### Environmental

- Operating Temperature: 0 to +40 C
- Storage Temperature: -50 to +75 C
- Humidity: <95% Non-condensing



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## APPLICATION

