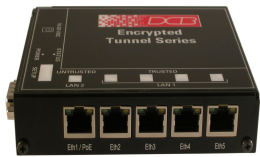




XT-3306 Encrypted L2 Tunnel via L3 UDP or TCP/IP Transport



XT-3306

FEATURES

- Ideal for voice and video tunneling applications
- Tunnels multicast and all other Ethernet protocols
- XT-3306 temperature range of -20 to +70 C
- Native 12 and 24VDC and 120 VAC support.
- Optional 48 VDC, 125VDC and 240 AC power options
- Supports TCP or UDP transport protocols making it compatible with all UT and ET products
- 10/100/1000 Base-T Ethernet Interfaces, MDI/MDIX
- Integral 4 port switch on the trusted interface
- AES 128, 192 or 256 bit encryption
- Use with or without encryption
- POE power option
- One async serial port for setup, also has UDP functionality
- Easy to use web interface for setup, maintenance
- Client mode, Server mode or Client & Server
- Server unit supports up to 8 remote client Ets
- Extensive statistics logging and diagnostic tools
- Creates the equivalent of wide area Ethernet Switch (layer 2 network)
- Stand alone, rack mount, DIN clip mount
- Bridges 802.1Q tagged V-LAN trunks
- Extensive filtering on MAC, IP, and Protocols
- NAT friendly

Connect the office network to a remote or home office via broadband with the security of AES encryption

Call DCB... 1-800-432-2638

DESCRIPTION

The XT-3306 is a compact, industrial temperature rated device (Internet Appliance) that tunnels layer 2 Ethernet over Layer 3 transport. The tunnel can be encrypted with AES or non-encrypted. The XT-3306 features two Ethernet LAN ports (4 port switch on trusted interface) and a serial setup port.

The XT-3306 encrypts data between private networks using the public Internet or any other network as the transport. This creates a flat, bridged network, a private network within public or private networks.

The XT-3306 can be a client, server or both. As a server, the XT-3306 supports up to 8 client devices. As a client, it can be used in conjunction with other XT models that support 50 to 128 client devices.

The XT series uses AES 128, 192 or 256 bit encryption. AES is the US Government standard, selected using an open selection process, to replace DES and 3DES encryption.

The XT-3306 network interfaces are Ethernet only. The serial port of the XT-3306 can be used for initial setup of IP address and for UDP transport of serial data. The XT-3306 has external 12, 24 and 48 volt options.

The XT series operates through firewalls with only one port of your choice opened. The XT can be configured to also use a second port. The XT bridges all Ethernet protocols including IPX, IP, NetBEUI, and other proprietary protocols. The XT series is straightforward, easy to configure and maintain. The XT series has state-of-the-art AES encryption security without the configuration complexity of VPN.

Applications for the XT Series

- Tunnel IPv6 through IPv4 networks
- Smart Grid connections to customers
- Video multicast applications
- Gas and oil production, pipelines
- Retail – Stores, credit card readers
- Law Enforcement – Remote offices
- Medical – Meets HIPAA requirements for securely sending medical data
- Sales personnel at home or traveling
- Financial industry
- Support a remote office with one ET device
- More security to sensitive locations within a corporate network

XT-3306 Encrypted UDP Ethernet Tunnel

SPECIFICATIONS

General

One asynchronous DE-9P RS232 serial setup port

- Two Ethernet ports, 10/100/1000 BaseT, MDI/MDIX with 4-port switch on the trusted interface
- Sustained throughput up to 15 Mbps with AES encryption mode
- Several thousand PPS throughput, depending upon packet size
- Up to 8 clients
- MAC bridging table supports 2,048 entries
- Traverses firewalls through a single port, any port, with port 22 the default port
- Communicates with all ET series products from DCB.

Protocol Features

- AES 128, 192, or 256 bit encryption
- Dynamic DNS support. Current support is for sitelutions.com and freedns.afraid.org
- Web browser configuration and management from local trusted interface
- Default IP address: 192.168.0.1
- Initial setup via local serial terminal
- NAT friendly
- Supports EtherPoll and EtherPath functionality

Indicators

- Side – Power, Status
- Front – LAN connection and LAN activity for each port

Physical/Electrical:

- Native 8 to 28 VDC, 12 volts nominal, 10 watts
- 48, 125 VDC and 240 VAC options are available
- Supplied with 120 VAC, 19 watt external supply
- 5" x 3.75" x 1"
- One pound

Environmental

- Operating Temp: -20 to +70 C
- Storage Temperature: -50 to +85 C
- Humidity: <95% Non-condensing



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• APPLICATION

