DATA COMM FOR BUSINESS

XT-6606 Encrypted L2 Tunnel via L3 UDP or TCP/IP Transport

XT-6606

FEATURES

- The XT-6606 is ideal for voice and video tunneling of all Ethernet protocols including multicast
- Supports TCP or UDP transport protocols making it compatible with all UT and ET products
- 128, 192 or 256 bit AES encryption with high throughput rates up to 86 Mbps
- 10/100/1000 BaseT Ethernet ports
- Independent untrusted interfaces allow dual transport paths for redundancy
- Easy to set up and maintain using RS232 serial port and web interface
- Serial port support UDP transport
- Configure as server, client or client/server
- Server mode supports up to 50 clients
- AC and DC power supply options
- Extensive statistics logging and diagnostics
- Bridge/Tunnel supports 4,096 MAC addresses
- Functions like a Layer 2 switch spread out over a WAN
- Bridges 802.1Q tagged VLAN trunks
- Extensive filtering on MAC, IP, and Protocols

Tunnel ethernet through private networks and/or the Internet. Use for VOIP, video, manage/monitor remote equipment, send multicast data over the Internet.

DESCRIPTION

The XT-6606 creates an encrypted Layer 2 tunnel through Layer 3 IP networks. It features three Ethernet LAN ports and a serial port for initial setup.

The XT-6606 encrypts data between private networks using the public Internet or any other network as the transport.

The XT-6606 can be a server unit for other Xts, ETs, UTs or UT-Soft equipped PCs. The XT-6606 can also be a client device communicating with a server. The XT-6606 support up to 50 clients.

The XT-6606 trusted encryption port is Ethernet 10/100/1000BaseT. WAN port data can be sent encrypted or unencrypted. The serial port is used for setup.

The XT series operates through firewalls with only one port of your choice opened. The XT can be configured for a second backup port. It bridges all ethernet protocols including IPX, IP, NetBEUI, and other proprietary protocols. The XT series is straight-forward, easy to configure and maintain. The ET series has state-of-the-art AES encryption security without the configuration complexity of VPNs. One XT encrypts a location for 100s of PCs and other devices.

The server typically has a fixed IP address. Clients can have fixed IP addresses or use DNS to obtain their address.

Applications for the XT Series

- Utilities – Critical Infrastructure
- Encrypt sensitive data for banks, Public Safety, financial data, government agencies, clinics, hospitals, labs
- Tunnel multicast voice and video through public and/or private networks
- Serve remote/home offices over tunneled networks to ease network administration, provide remote file and printer access
- Encrypt Medical data transport to meet HIPPA patient security requirements
- Encrypt sensitive Financial data
- Create tunnels to support remote equipment
- Mobile tunnel applications

XT-6606 – Encrypted Ethernet Tunnel Bridge Appliance

SPECIFICATIONS

General

XT-6606 - One asynchronous DE-9P RS-232 serial port for setup

- Three Ethernet ports, 10/100 BaseT, MDI/MDIX
- Sustained throughput of 63 Mbps (AES 256 UDP mode) or 86 Mbps (AES-256 TCP mode), greater with encryption disabled
- Supports up to 50 ET client devices
- Bridge/tunnel supports 4,096 MAC address table entries
- UDP tunneling of serial date using the XT-6606 serial port

Protocol Features

- AES 128, 192 or 256 bit encryption
- Dynamic DNS support
- Automatic failover for critical links
- Web browser configuration and management from local trusted interface
- Default IP address: 192.168.0.1
- Initial setup via local serial terminal
- Supports 802.1Q VLAN
- Extensive filtering on MAC, IP, and Protocol
- Tunnels multicast packets

Indicators

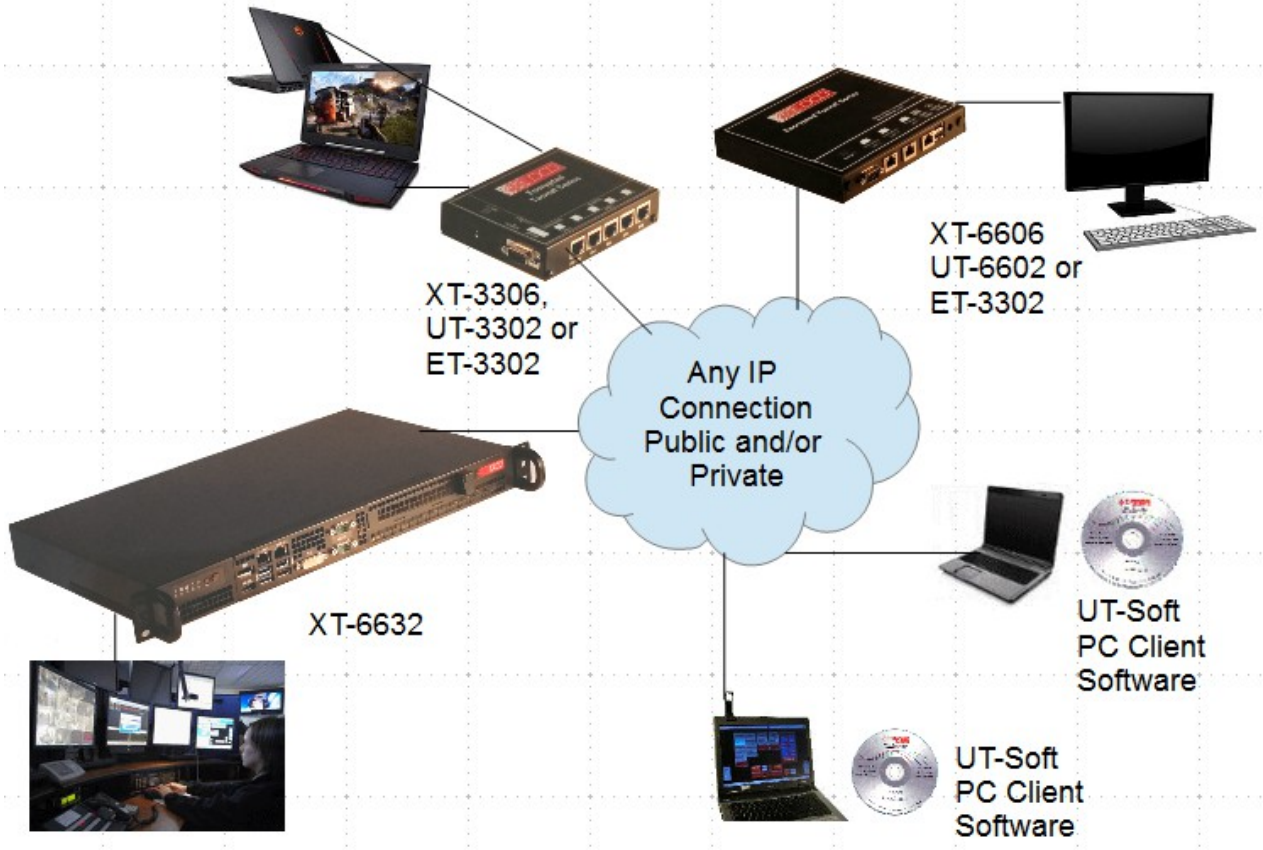
Front - Power, Status
Rear – LAN connection, LAN activity

Physical/Electrical

- Power requirements: 12 VDC, 6 to 16 watts
- 24, 48, 125 VDC and 240 VAC options are available
- Supplied with 100-240 VAC external supply
- Dimensions: 6 5/8" x 6 1/4" x 1 1/4"
- Shipping weight: 5 pounds

Environmental

- XT-6606 Operating Temp: 0° to +50° C
- Storage Temperature -50° to +85° C
- Humidity: Non-condensing

Data Comm for Business, Inc.
2949 CR 1000 E
Dewey, IL 61840
Voice 8004DCBNET
(800.432.2638)
Fax 217.897.1331
Email www.dcbnet.com/contact.html
Web http://www.dcbnet.com

APPLICATION