



ET-6602 Encrypted Ethernet Tunnel

ET-6602 Front and Rear View



FEATURES

- The ET-6602 creates encrypted tunnels
- Industrial temperature -20° to +70° C
- AC and DC power supply options
- 10/100BaseT Ethernet ports
- Each port is independent
- Easy to setup and maintain
- Server unit supports up to 50 client Ets
- Supports USB cellular broadband modems
- Supports 802.11 Wi-Fi with mini-pci cards
- Supports 4.9 GHz public safety licensed band
- Set up unit as server or client device
- Extensive statistics logging and diagnostics
- Tunnels multicast + all other ethernet protocols
- AES 128, 192 or 256 bit encryption
- Ethernet to Ethernet
- Bridge/Tunnel supports 4,096 MAC addresses
- Remote PCs appear to be on the local network
- Bridges 802.1Q tagged V-LAN 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 ET-6602 creates an encrypted tunnel through IP networks. It features three Ethernet LAN ports and a serial port for initial setup.

The ET-6602 encrypts data between private networks using the public Internet or any other network as the transport. The ET-6602 supports USB cellular broadband modems and internal mini-pci 802.11 cards. The ET-6602 can be a server unit for other ET-6602s, ET-6600s or ET-3300s. The ET-6602 can also be a client device communicating with a server ET-6602, ET-6604 or ET-6620. The ET-6602 support up to 50 clients, the ET-6604 and ET-6620 support 100 remote ET clients.

The ET series uses AES encryption. AES is the US Government standard, selected using an open selection process, to replace DES and 3DES encryption.

The ET-6602 trusted encryption port is ethernet 10/100BaseT. WAN port data can be sent encrypted or unencrypted. The serial port is used for setup.

The ET series operates through firewalls with only one port of your choice opened. It bridges all ethernet protocols including IPX, IP, NetBEUI, and other proprietary protocols. The ET series is straightforward, easy to configure and maintain. The ET series has state-of-the-art AES encryption security without the configuration complexity of VPN. One ET 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. For host installations with 100's or 1000's of clients, Radius servers can be used for client authentication.

Applications for the ET Series

- 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 offices over tunneled networks to ease network administration, provide remote file and printer access
- Create tunnels to support remote equipment
- Mobile tunnel applications

ET-6602 – Encrypted Ethernet Tunnel Bridge Appliance

SPECIFICATIONS

General

ET-6602 - One asynchronous DE-9P RS-232 serial port for setup

- Three ethernet ports, 10/100 BaseT, MDI/MDIX
- USB support for cellular broadband modems
- 802.11 support using Ubiquiti Atheros cards at 900 MHz, 2.4 GHz (public safety licensed band) and 5.8 GHz
- Sustained throughput of 10 Mbps with AES, greater with encryption disabled
- Supports up to 50 ET client devices
- Bridge/tunnel supports 4,096 MAC address table entries

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, port activity, compact flash disk

Rear – LAN connection, LAN activity

Physical/Electrical

- Power requirements: 7-18 VDC, 4 watts
- Up to 2 Amps for 802.11
- 12, 24, 48, 125 VDC and 240 VAC options are available
- Supplied with 100-240 VAC external supply
- Dimensions: 8 1/4" x 6" x 1 1/3"
- Shipping weight: 5 pounds

Environmental

- ET-6602 Operating Temp: -20° to +70° C
- Storage Temperature -50° to +85° C
- Humidity: Non-condensing



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APPLICATION

