DCB
DATA COMM FOR BUSINESS

ET-6600 Front and Rear Views　　**ET-3302**

ET-6601

ET-6604, ET-6620, ET-6630

ET Series Encrypted Ethernet Tunnel/Bridge

DESCRIPTION

The ET-series of encrypted ethernet bridges are industrial temperature rated devices (Internet Appliance) for creating encrypted ethernet tunnels. Products feature serial ports, ethernet 10/100BaseT ports, internal modems, and gigabit ethernet ports. All ET models inter-operate and encrypt data between private networks using the public Internet or any other network as the transport.

The ET-6601 supports 802.11 Wi-Fi cards as a station unit. The ET-6601 also supports USB attached broadband cell modems. These features, combined with the ability to tunnel at the the Layer 2 level, makes the ET-6601 ideal for VOIP multicast applications.

The ET series uses AES 128 bit or 256 bit encryption. AES is the US Government standard, selected using an open selection process, to replace DES and 3DES encryption. The ET series operates with an internal encrypted pass-phrase database. User authentication can be via an external Radius server. The external Radius server can be the one used for other devices in an organization's IT department.

The serial connection on an ET-6600 may be used as an automatic fall-back dial-up connection should the ethernet link fail. 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. ETs support 802.1Q Tagged VLAN.

The ET 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 VPN.

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

FEATURES

- **The ET-6600/6690/6601 are rated -40 to +70 C**
- **ET-3302, 6600, 6601 have AC, DC power options**
- **Various port options, ethernet ports: 10BaseT, 10/100BaseT, Gigabit Ethernet, asynchronous, internal modem.**
- **ET-3302/6600/6690 support 8 remote client ETs**
- **ET6601/6604 support 50 clients, ET-6620 and ET-6670, 100 clients**
- **ET-6601/6604/6620/6630 support external Radius authentication servers**
- **ET-6601 supports 802.11 and USB cell modems**
- **Any unit may be a host or user device**
- **Extensive statistics logging and diagnostic tools**
- **Tunnels all ethernet protocols, not just IP**
- **AES 128 bit or 256 bit encryption**
- **Serial ports and modem support PPP dial-up**
- **Remote PCs appear to be on the local network**
- **Compact size: stand-alone or rack mounting**
- **Bridges 802.1Q tagged V-LAN trunks**

ET Series Models
ET-3302 - 2 Ethernet Ports, 1 incl'd 4 port switch
ET-6600 - 2 Ethernet, 2 Serial Ports
ET-6690 - 2 Ethernet, 1 Serial, 1 Modem Port
ET-6601 - 3 10/100BaseT Ethernet, 802.11, USB
ET-6620 - 2 Gigabit/10/100BaseT Ethernet Ports
ET-6604 - 2 Gigabit/10/100BaseT Ethernet Ports

SPECIFICATIONS

General
ET-6600 only - Two asynchronous DE-9P RS232 serial ports:
- Speeds to 230 Kbps

ET-6600 and ET-3302 - Two ethernet ports
- One 10/100BaseT, One 10BaseT
- Sustained throughput of 700,000 bps
- Up to 8 clients

ET-6690 – One internal V.90 modem
- Up to 8 clients

ET-6601 – 10/100BaseT ethernet
- 10 megabit throughput, up to 50 simultaneous users
- 802.11 option, supports external USB broadband cell modems

ET-6604 and ET-6620 – 2 Gigabit/10/100 ethernet
- ET-6604 throughput to 40 Mbps, up to 50 simultaneous clients
- ET-6620 throughput of 200 Mbps, up to 100 clients
- ET-6630 through of 500 Mbps+, up to 100 clients

Protocol Features
- AES 128 bit or 256 bit encryption
- Auto-Disconnect timers
- Web browser configuration, management from local trusted interface
- Default IP address: 192.168.0.1
- Initial setup via local serial terminal
- Supports Multicast

Indicators
Front - Power, Status, port activity (2)
Rear – LAN connection (2), LAN activity (2)

Controls
Press button or DIP switch: Setup/Reset
Radius authentication server option

APPLICATION

- Optional: 12, 24, 48, 125 VDC and 240 VAC available for the ET-6600 and ET-6690
- Optional: 240 VAC for ET-6604/20/30
- Optional 12, 24, 49, 125 DC for ET-6601
- ET-6600/6690/6601 rated industrial environments
- ET-6620/6604 rated for office environments
- ET-3302 4 ¼" x 3" x 1", 1 lb
- ET-6600 4 ¼" x 5 ½" x 1 ¾", 1 lb
- ET-6601 8 ¼" x 6" x 1 1/3", 5 lbs
- ET-6690 4 ¼" x 5 ½" x 1 ¾", 1 lb
- ET-6604/6620/6630 14 ½" x 16 ¾" x 1 ¾", 15 lbs

Environmental
- ET-3302/6600/6690 -40 to +70 C
- ET-6601 -20 to +70 C
- ET-3302/6604/6620 /6630 Temp: 0 to +40 C
- Storage Temperature: -50 to +75 C
- Humidity: <95% Non-condensing

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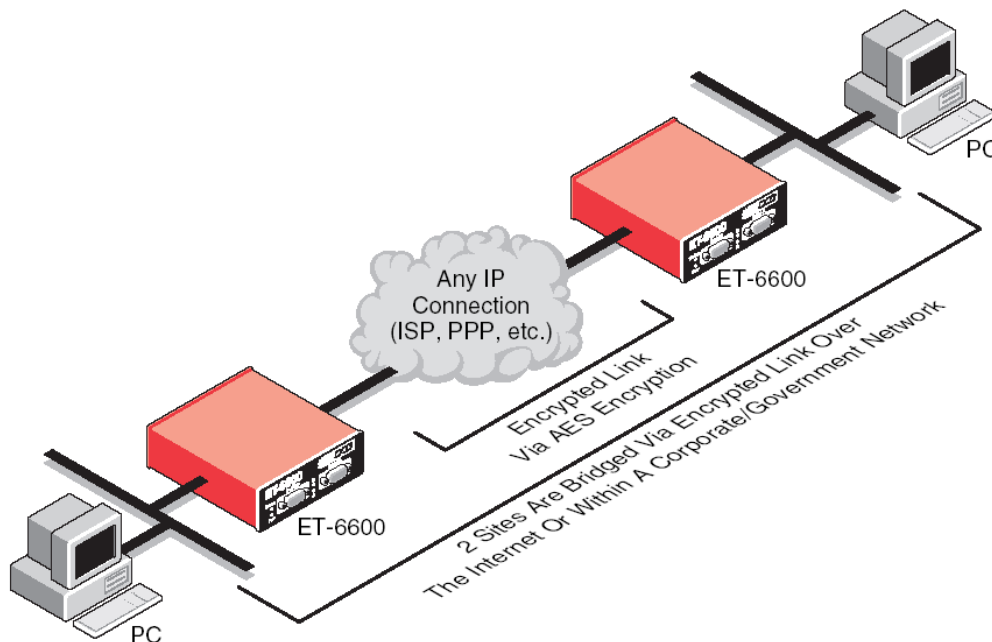**Dewey, IL 61840**
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Physical/Electrical
- All supplied with 120 VAC external supply
- Power- ET-3302/6600: 6 VDC, 833 mA
- ET-6690 (with internal modem), 1330 mA