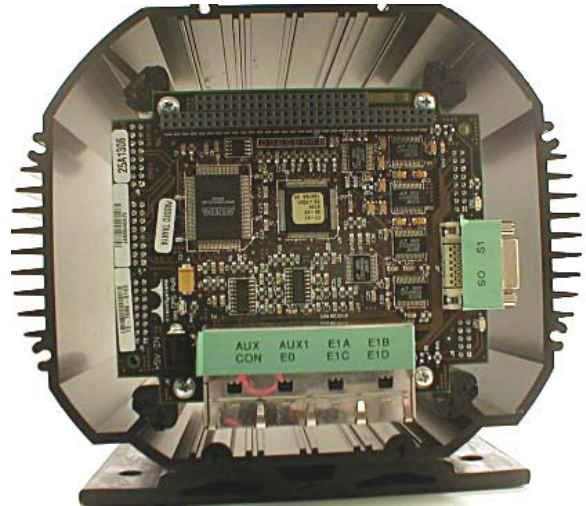




IPE-2M

PC/104-Plus High Assurance IP Encryptor



- IETF IPSEC, ESP
- IKE Key Management
- PC/104-Plus form factor
- Up to 2.048 Mbps throughput
- LZS Data Compression
- Hardware Based Encryption (ASIC)
- 168-bit Triple DES Encryption (FIPS 46-3)
- Command Line Interface
- Zeroization

Western DataCom introduces the IPE-2M PC/104-Plus High Assurance IP Encryptor. The first of its kind IPE-2M is a hardware based encryptor designed for all private or public IP internetworking environments (mobile, wireless, space and stationary).

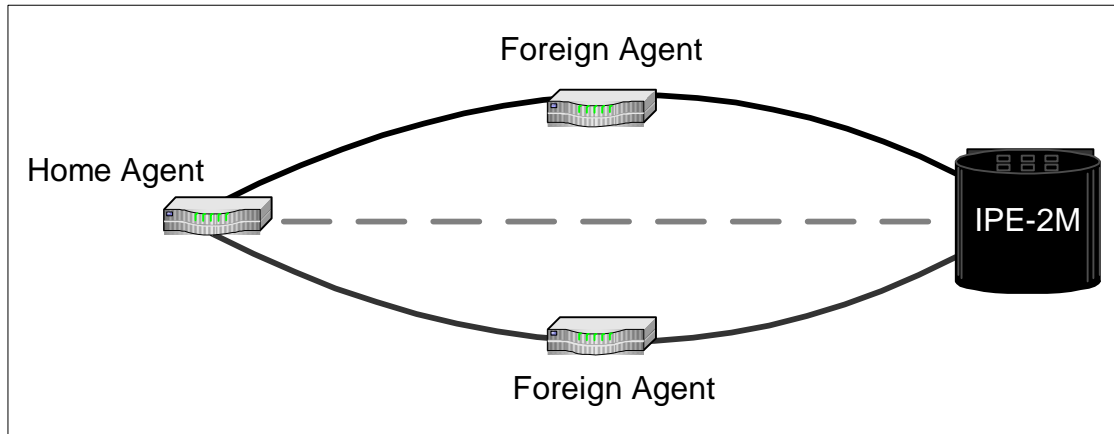
The premise behind IPE-2M is mobile Virtual Private Network encryption using IPsec. All data or information attempting to traverse the trusted network is authenticated, monitored and encrypted by IPE-2M. Security at the IP layer has a decisive advantage that, irrespective of the interoperability conditions of different software and hardware applications, all communication services are protected - data, voice and video.

In its current format the IPE-2M is designed to work with the Cisco 3200 Mobile Access Router for securing IP communications. Internet Engineering Task Force-Internet Protocol Security (IETF IPSEC) Tunnel or Transport mode is used in conjunction with 168-bit Triple DES encryption to secure IP traffic. Separation of plaintext (Red) and Ciphertext (Black) is maintained per NSA requirements.



IPE-2M

PC/104-Plus High Assurance IP Encryptor



General Specifications:

Interface	10/100baseT & 10baseT RJ45 network interfaces. RS-232 asynchronous control port
Size	PC/104-Plus specification v1.2 3.5" x 3.75"
Voltage	3.3 and 5 VDC Input (PC104)
Rates	> 0.1% encryption overhead. 2:1 average compression ratio
Management	SNMPv3 Command Line Interface
MTBF	50,000 hours (Bellcore)

Western DataCom provides turnkey solutions to fit most network applications. Please contact Western DataCom for details regarding the IPE-2M turnkey solution that fits your requirements.

Optional PC/104-Plus modules:

- Cisco 3200 Mobile Access Router
- Cisco I/O Modules (LAN/WAN)
- Mobile Power Supply
- Ruggedized 4 and 6 slot chassis
- Dual slot PCMCIA card reader
- GPS Module



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<http://www.western-data.com>
e-mail: wdc@western-data.com

12-Month Warranty:

Refer to the user manual for details on Western DataCom's exclusive, limited warranty and extended warranty programs. Free technical support for life of product.

The data on this sheet is summary in nature and subject to change. Please refer to this product's technical manual for complete details.