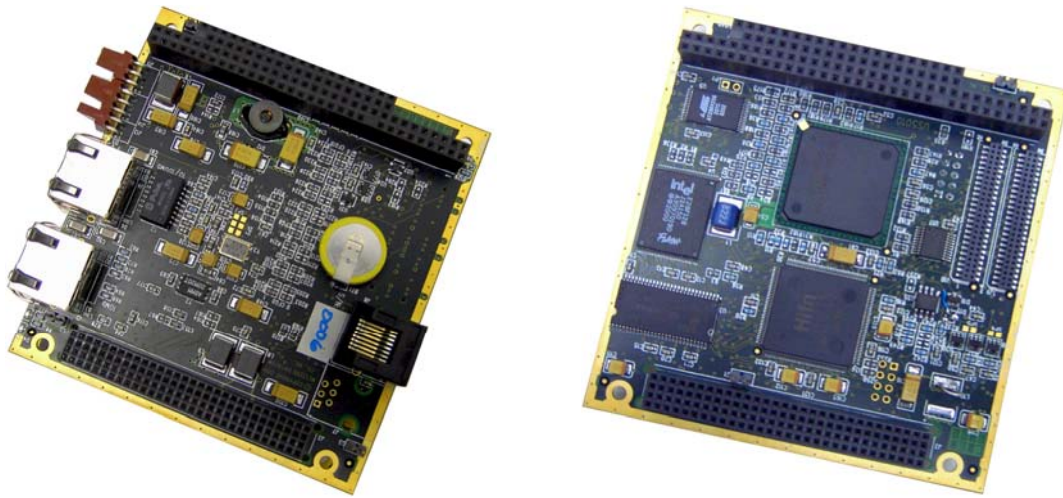


Security for Mobile IP Networks

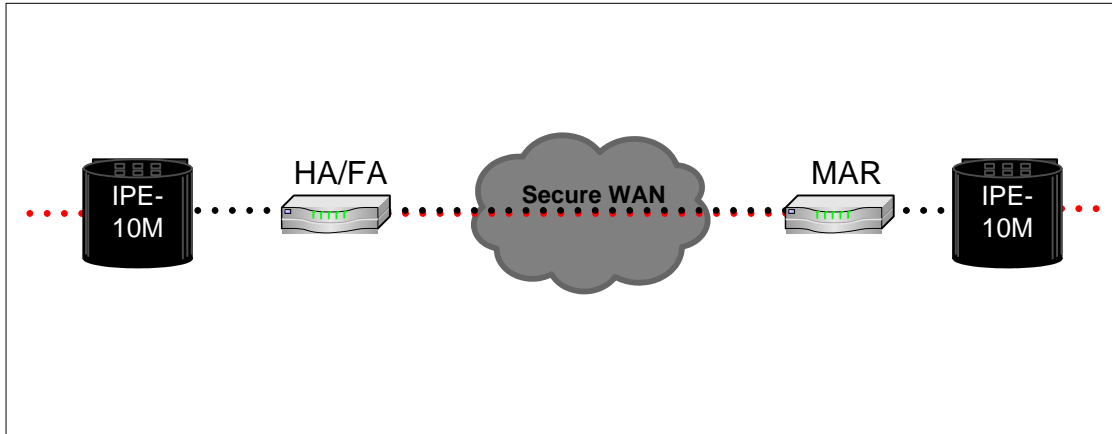
IPE-10H



Trusted communications is a critical element in any IP infrastructure. High Assurance communications requires the highest level of security. Whether your organization needs to secure private or public IP networks, the new IPE-10M encryptor meets these security requirements. IEFT IPSEC (Internet Protocol Security), 256-bit AES encryption with strong authentication the IPE-10H secures, and monitors all IP traffic on the trusted network.

The IPE-10H is a hardware based, PC/104 *Plus* encryptor designed for all IP internet-working environments (mobile, wireless, space and stationary). The premise behind the IPE-10H is mobile Virtual Private Networking using IPSEC, ESP Tunnel Mode, with authentication and encryption. All data attempting to traverse the trusted network is authenticated, monitored and encrypted by the IPE-10M.

The IPE-10H is optimized for operation with the Cisco 3200 Series Mobile Access Routers. The IPE-10H complies with NIST FIPS PUB 140-2 and common criteria EAL4. Separation of red and black traffic is maintained per NSA mandate.



General Specifications:

<i>Interfaces</i>	10/100BaseT Ethernet — non-secure (RED) 10BaseT Ethernet— secure (BLACK) RS-232C Console RS-232C Key Fill
<i>Size</i>	PC/104 Plus Standard 3.55" x 3.75"
<i>Power</i>	3.3V DC via PC/104 Bus (ISA) 5.0V DC via PC/104 <i>Plus</i> Bus (PCI) Less than 1.5A (per card) 9.9W Max., Typical 5.9W
<i>MTBF</i>	139,000 hours (calculated)
<i>Standards</i>	IETF IPSEC FIPS 197, AES FIPS 180-1, SHA-1 FIPS 198, HMAC FIPS 46-3, 3DES FIPS 140-2, Cryptographic Validation EAL4, Common Criteria

**WESTERN
DATA COM**

P.O. Box 45113
Westlake, OH 44145-0113
800-262-3311/440-835-1510
Fax 440-835-9146
<http://www.western-data.com>
wdc@western-data.com

12-Month Limited Warranty

Refer to the user manual for details on Western DataCom's exclusive limited warranty. Free technical support for lifetime of product.