ION™ SM110 Secure Modem
Remote Dial-up Access with Built-in Multi-factor Authentication and Audit Trail

- Dynamic, policy driven firewall
- Supports Services SSL VPN™ Tunnel
- IPSec, SSH, PPTP client access (3DES, AES)
- Telnet, rlogin, dial-up (ASCII, PPP) client access
- In-band and out-of-band secure connectivity
- Embedded two-factor authentication
- User session auditing
- Access control to IP or serial administrative interface
- IP and host port user session auditing
- Privilege setting and command filtering

The ION™ SM110 Secure Modem is a highly cost-effective dial-up solution that allows for easy dial-up connectivity to critical voice and IT equipment without compromising security or service levels.

ION’s Secure Modem eliminates the use of static passwords, replacing them with a challenge/response system that uses the 3DES algorithm to provide an essentially unbreakable authentication system. Rendering protected systems virtually impenetrable by unauthorized individuals, the ION Secure Modem also offers increased security and improved compliance with corporate security policies while eliminating the cost of maintaining extensive password lists.
When combined with ION™ PRIISMS, ION’s centralized management and control application, the ION Secure Modem meets today’s most stringent corporate security policies for secure administrative access.

Centralized Management
Multiple modems at multiple sites can be centrally managed through PRIISMS

Simplified Configuration and Setup
User security credentials and site specific settings can be configured automatically

Single Sign-On
Easy access to multiple devices through single sign-on and point-and-click access

Device Management
Graphical user interface speeds installation

Secure By Default
Pre-configured from factory, no set-up required

The ION Secure Modem generates an alarm when disconnected from the attached devices; as well as when there is an attempted security breach. An audit trail of access to connected devices, including detailed forensic data of all activities such as “break in” attempts, log-ins and administrative access is also provided.

Technical Specifications

Global Approvals
- One modem for worldwide use.
  (Localization kits available for country-specific installations)

Standards
- Data: V.90, & enhanced V.34 Error Correction: V.42
- Data Compression: V.44, MNP Class 5; V.42bis

Connectors
- RJ-11 (Telco) & DB25 (Serial)

Serial Operation
- Async up to 230.4K bps

Physical Description & Operating Environment
- 4.3" w x 1" h x 5.7" d; 8 oz (10.9cm x 2.5cm x 14.5cm; 227g)
- 32-120 degrees F (0-50 degrees C); 20-90% noncondensing
- Power: 110/220 VAC 50/60Hz

Approvals
- FCC Parts 15B & 68
- UL 1950
- CE Mark RoHS/WEEE Compliant