

ISDN Interface Adapter Kit



Information Assurance for Voice and Data ISDN Networks

Overview

The Sectera® ISDN Interface Adapter Kit provides end-to-end high assurance secure voice and data communications for ISDN networks. The kit consists of:

- General Dynamics' Sectera Wireline Terminal
- MultiModemISDN™ by Multi-Tech® Systems, Inc
- Console
- Interconnecting Cables

The Sectera Wireline Terminal protects information using SCIP (Secure Communications Interoperability Protocol) Type 1 encryption and is certified to protect information classified Top Secret and below. It also implements NIST-approved Advanced Encryption Standard (AES) for SBU (Sensitive But Unclassified) information. The MultiModem ISDN provides Basic Rate Interface (BRI) to most popular ISDN switch types. The console provides a lightweight, compact, easy-to-access shelving rack to house both components, optimizing desktop footprint. Cables are included to interconnect components and streamline installation, requiring only one power supply.

In addition to the Sectera ISDN Interface Adapter Kit (Model No. ISDN1907XA), there are two optional configurations available to supplement your existing secure voice and data infrastructure:

- Sectera ISDN Interface Upgrade Kit (Model No. ISDNMK01) consists of the MultiModemISDN, console and cables
- Sectera ISDN Interface Adapter Console (Model No. ISDNKIT01) consists of the console and cables



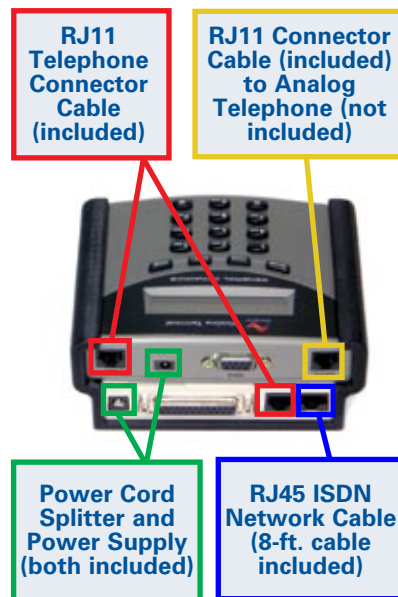
The ISDN Interface Adapter Kit expands the Sectera portfolio of secure interoperable wireless and wireline products, offering Type 1 voice and data encryption for authorized U.S. government personnel over PSTN, VoIP, ISDN, GSM Wireless, and Iridium®, Inmarsat®, Globalstar and Thuraya satellite networks.

Features

- All the capabilities of the Sectera Wireline Terminal:
 - NSA certified for Top Secret and below
 - SCIP signaling for secure wireless and wireline interoperability
- Available for purchase in three configurations — backwards compatible with existing Sectera Wireline Terminal
- One power supply
- Compact design
- ISDN modem is software configurable
- ISDN NT
- Analog phone line not required

GENERAL DYNAMICS
C4 Systems

Sectera® ISDN Interface Adapter Kit



Specifications

Size

Width	5.2 in.
Height	2.5 in.
Depth	6.0 in.
Weight	26 oz.
Volume	78 cu in.

Interfaces

ISDN RJ45
 Phone RJ11
 RS232 9-pin RS232
 ISDN Interfaces
 2B+D Basic Rate
 Interface (BRI)
 2 Wire U-type
 ISDN Switch Types
 National ISDN-1, AT&T
 5ESS Custom, Northern
 Telecom DMS-100 Custom,
 ETSI/DSS1/NET3, NTT
 1NSnet64

Power

110 to 220 VAC
 9 VDC
 < 12 Watts

Modem

V.34/V.90

Data Rates

Asynchronous Up to 56,000 BPS*

Speech Processing

Toll Quality
 (6.4 Kbps) G.729D
 2400 Bps MELP

Environment

Operational 0°C to 30°C
 (32°F to 86°F)
 Humidity Range 25% to 85%
 non-condensing

Approvals

TSG and TEMPEST Approved
 Connection (Telecom)
 ANSI/TIA-968-A-2002 (US)
 CTR21 (EU)
 IS CS-03, Issue 8 (CAN)
 AS/ACIF S002:2001 (AUS)
 PTC200: ISS2 (NZ)
 Safety
 UL 60950, EN60950,
 IEC60950
 EMI/EMC
 FCC Part 15 subpart B,
 Class B
 EN55022/EN55024



ETL is an independent testing house for UL certification.

*When other end is attached to a secure digital link

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Secure Communications: We Bring You What's Next



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D-SECISDN-6-0107