

MD-N33

RS-232 to PSTN Modem

Rosslare's MD-N33 high performance, sophisticated V.34 modem provides a telephony link for serial communication based controllers and other devices.

Compatible with Rosslare' AS-525 AxTrax software, the modem supports a communications solution between the server PC side and remote sub-networks of controllers.

The MD-N33 packs advanced features such as non-volatile memory for storing user profiles and auto-dial, redial, and auto-answer options. Efficient and reliable, one unit can handle a complete remote multi-door sub network.

General Description

The MD-N33 is a data communication modem for data transfer over the worldwide PSTN networks. This sturdy and efficient modem links RS-232 based serial communication devices over dial-up telephone lines for remote applications. It can be used to connect the phone line on the PC side or remote unit connection. The intelligent DAA technology detects line status.

The MD-N33 features auto-dial, redial, and auto-answer, as well as non-volatile memory to store user profiles. The unit also includes line protection circuitry.

The MD-N33 is a V.34/33.6K modem and complies with worldwide telecom requirements. The modem is AT Command set compatible and can be configured from any PC-based communication program.

It is crafted from the finest materials and to the highest manufacturing standards under Rosslare's ISO 9001:2000 Certified Quality standards.



Main Features

- Configurable via a PC connection to connect either a phone to a PC or to a remote unit
- V.34/33.6K
- AT command compatibility
- 60-character command line buffering
- Auto-dial, redial, and auto-answer
- Pulse or tone dial
- Connectors:
 - Front: RJ-11 jack and power jack
 - Rear: RS-232 jack

PROFESSIONAL GRADE FEATURES

- Remote hang-up detection
- Digital PBX detection and protection
- Buzzer for call progress monitoring
- Two LEDs indicate telephone line status and power supply
- Intelligent DAA technology detects line status
- Industry-standard error correction and data compression
- DTMF detection and distinctive ring
- Non-volatile memory to store user profiles
- Line protection circuitry included



Product Specifications

ELECTRICAL SPECIFICATIONS	
• Input power	12V DC from power adapter
• Power consumption	Typical: 70mA Maximum: 100mA
• Buzzer	For call progress monitoring
• LED	Green LED indicates telephone line status Red LED indicates power supply
DATA SPECIFICATIONS	
• Data format	Serial RS232 interface
• Data	V.34, V.32bis, V.32, V.22bis, V.22, V.23, V.21, Bell 212A & Bell103
• Error correction	V.42 (LAP-M or MNP 2-4)
• Data compression	V.42bis, MNP 5
• Fax	V.17, V.29, V.29ter, V.21 ch.2 Class 1 and 1.0 commands
• Modes of operations	Full duplex over dial-up lines; data mode, command mode, online command mode
• Advanced	Extension pickup detection, remote hang-up detection, line-in-use detection, digital PBX detection and protection
• Flow control	XON/XOFF (software), RTS/CTS (hardware)
• Command buffer	60 characters
• Telephony	V.253 commands: V.253 2-bit and 4-bit ADPCM, 8-bit linear PCM, and 4-bit IMA coding 8 kHz sample rate Concurrent DTMF, ring, and Caller ID detection
OPERATING SPECIFICATIONS	
• Operating environment	Indoor use
• Operating temperature	0°C to 63°C (32°F to 145°F)
• Operating humidity	0% to 95% (non-condensing)
PHYSICAL SPECIFICATIONS	
• Dimensions (L x W x H)	110 x 63 x 39 (4.3 x 2.5 x 1.5 in)
• Weight	97 g (3.4 oz.)

System Components

The MD-N33 needs the following components: 12V (200mA) DC power adaptors, a telephone line using a standard telephone RJ-11 cable, and Rosslare's MD-14 (RS485 to RS-232 Converter)



Additional Information

The MD-N33 is a high-quality electronic product developed and manufactured under ISO9001:2000. It is covered by RSP 2-year Limited Product Warranty.

Please visit our website for documentation and sales information: <http://www.rosslaresecurity.com/>