

D^{term} ISDN EXTender™ Plus



Extend Your Business Performance — With High-Speed Remote Access Capability

What was once a trend is quickly becoming a well-established norm: a workforce of off-site telecommuters that operate beyond the physical confines of today's corporate office. Including small satellite offices, homes or even centralized telecommuting sites, such operations help companies improve productivity, attract and retain skilled employees, lower real estate costs and provide more flexible service to the customer. But for these sites to appear a seamless extension of the primary operation, they require access to the same communications features and functions as exist in-house — in other words, high-speed

voice and data access through a high-speed Integrated Services Digital Network, or ISDN, line. That's where the D^{term} ISDN EXTender Plus comes in.

The D^{term} ISDN EXTender Plus provides off-site executives and knowledge workers with the full features of their PBX or Key Telephone System (KTS), no matter where these individuals happen to be located. And with a built-in ISDN line interface and integrated data capabilities, this single box is all you need for complete remote access. With an ISDN line connection and Remote and Office Modules, workers can use the same D^{term} digital deskset and PC used in the office, with transparent access to all the functionality of the in-house host system.

Users can also connect their computers to the office LAN over the same ISDN B-channel that is providing voice, all with the speed and crystal clear voice quality of ISDN.

Alternately, users can take advantage of the ISDN line's second B-channel to provide a dedicated data channel to the office data network or local Internet Service Provider (ISP). Or, the second B-channel can be used for other analog applications, such as a fax or an additional phone or modem.

Specifications

General Setup Notes

Each user requires a Remote Module and an Office Module

Communications

ISDN Lines Supported:
National ISDN 1, National ISDN 2,
AT&T 5ESS, DMS 100

System Specifications

- Power Requirements: 12 volts DC each unit, supplied by 120 volt AC adapter 250mA max (800mA power supply required). Power supplies included.
- Module Dimensions: 1.5" H x 8.0" W x 8.0" L (205 mm x 205 mm x 40 mm)
- Module Weight: Each module weighs 2.2lbs (1kg)
- Operating Environment: 32°–130° F (0°–55° C); 5 to 95% relative humidity
- CSA Number: LR82829
- Industry Canada CS-03:16398449A
- Product guaranteed for one year, parts and labor



D^{term} ISDN EXT
Off-Premise Extender
Remote Module

NEC

D^{term} ISDN EXTender Plus

Benefits

Productivity

Access to voice mail, conferencing, paging and internal extension numbers, as well as corporate data network.

Cost-Effectiveness

Call- and data-on-demand means connections are charged only when needed; one ISDN box handles all your remote access needs.

Ease-of-Use

Same equipment means no additional installation, operation or feature training needed; setup accomplished via phone display or PC.

Compatibility

Supports software packages resident on host PBX or KTS; measures same stats as in-house phone, simplifying tracking of expenses.

Security

Passwords permit access only to authorized users, for voice and data applications.

Remote voice and data access is now available in a single plug-and-play box, with three data options:

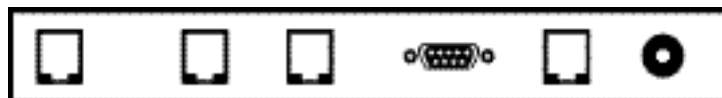
- Serial data connection
- Terminal adapter data interface
- Ethernet data connection

The flexibility of the D^{term} ISDN EXTender Plus can result in many powerful benefits for today's versatile businesses. Call center agents can work remotely; executives can stay in touch, even when at home; off-premise knowledge workers can access information tools; and small branch offices remain completely connected, without the need to double up on systems. With the D^{term} ISDN EXTender Plus, NEC continues to prove itself your single-source provider for all your business communications needs.

Supported Data Types

	Serial	Dial-up	Ethernet
Data Connection	RS-232 to DB9 RS-232 Serial	PPP Dial-up Connection through a DB9 to RS-232	10BaseT (Ethernet cable included)
Data Rate	Up to 57.6Kbps	Dedicated 57.6Kbps before compression	Dedicated 64Kbps before compression

ISDN D^{term} EXT Backplane



RJ11 JACK:
CONNECTION
DESKSET OR
PBX/KTS

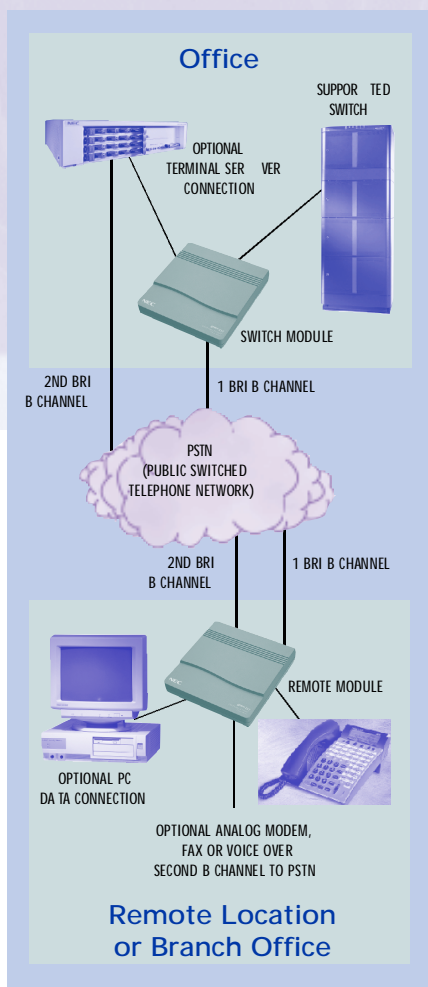
ANALOG LINE
(REMOTE
SITE ONLY)

10BASET
ETHERNET
PORT

DB9 PORT
RS232
SERIAL

RJ45 JACK:
CONNECTION
TO ISDN LINE

POWER
JACK
+12VDC



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Rev. 4/00

To find out more about NEC's D^{term} ISDN EXTender Plus, or to inquire about NEC's powerful and versatile technology platforms, contact your local NEC dealer, call us at 1-800-TEAM NEC or visit our Web site at: www.cng.nec.com

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