

Remote Digital Extender 3000



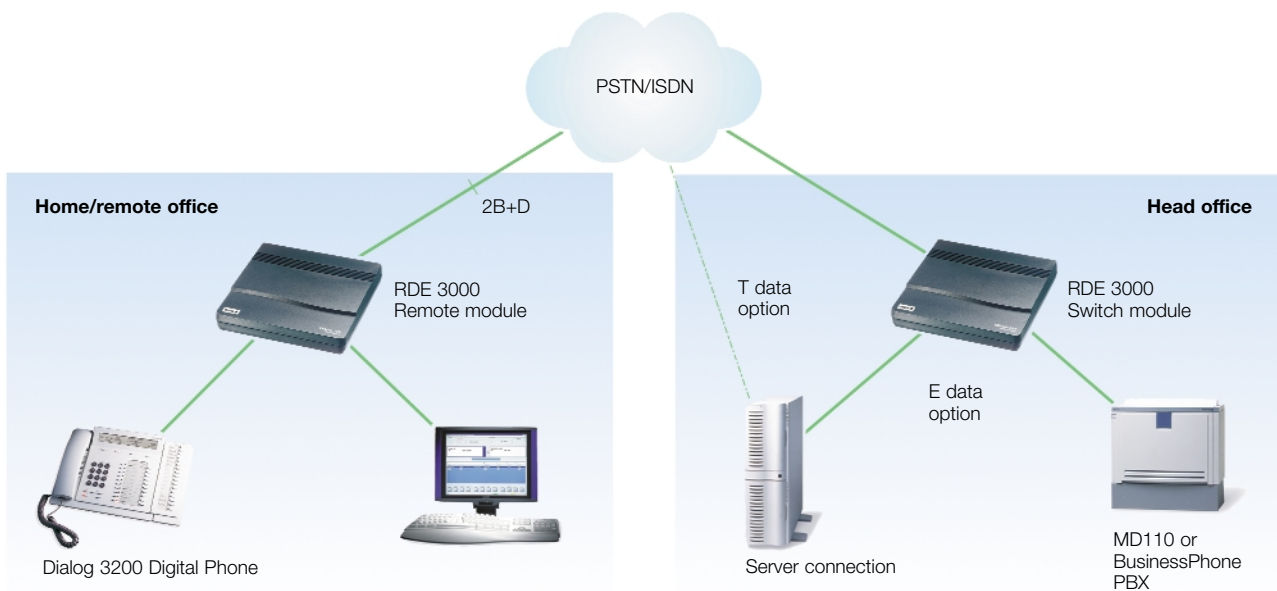
The Remote Digital Extender 3000 enables call center agents, telecommuters and branch office employees to be seamlessly connected to the MD110 or BusinessPhone communication system over a single ISDN line. Simultaneous access to remote voice and data is possible using a single plug-and-play box. The remote user can easily connect the Dialog 3200 digital telephone and the PC into the RDE 3000.

Overview

Increase the productivity and performance of your remote workforce by providing them with seamless access to all the features on your central MD110 or BusinessPhone PBX and corporate data network through the Remote Digital Extender 3000. Simultaneous access to remote voice and data is now possible using a single plug-and-play box.

The RDE 3000 is available with two different options:

- *Option T* – Option T uses second B channel to emulate a terminal adapter allowing users to connect their PC to the LAN via a PPP dial-up connection
- *Option E* – Option E uses the second B channel for data transmission through a 10Base-T Ethernet connection



Voice and data...fast!

To maintain their competitive edge, companies are responding to the needs of their customers, business partners and staff by enabling employees to work outside the confines of the corporate office. By locating teleworkers in satellite offices, their homes or small branch operations, companies are able to improve productivity, attract and retain skilled employees, lower real estate costs and provide better services to their customers. Innovation in distributed voice technology is enabling this trend. Workers can now fully access corporate productivity tools from wherever they are. Information workers have come to expect full data access and now you can expand that access to include full voice and data support in one box with the Remote Digital Extender 3000 for ISDN.

Product details

The Remote Digital Extender 3000 provides off-site employees with the full features of their MD110 or BusinessPhone PBX using a Dialog 3200 Digital Telephone from any remote location. With its built-in ISDN line interface, remote users can easily connect their D3 Digital phone and PC into the RDE 3000. Two Extenders are required for a single-user scenario. One Extender sits at the corporate office and the second at the remote location. This configuration provides off-premise employees with full access to voice and data communication of the MD110 and BusinessPhone systems.

Users may choose to connect their computers to the office LAN over the same ISDN B-channel or take advantage of the second B-channel to provide a dedicated data channel to the office data network or a local Internet Service Provider. The Remote Digital Extender 3000 enables call center agents to work remotely; executives to constantly stay in-touch with their offices; telecommuters to access office tools from their home and small branch offices to save money by providing access to existing corporate systems.

Key benefits

- *Increased Productivity.* Remote users have full access to all MD110 and BusinessPhone PBX features, including voice mail, conferencing, paging and internal extension numbers, as well as access to the existing corporate data network via a digital dedicated connection.
- *Cost-Effectiveness.* Call-on-demand and data monitor features mean you only pay for a connection when you need it. And, with a built-in ISDN line interface and integrated data capabilities, this single box is all you need for complete remote access.
- *Ease-of-Use.* Voice is accessed via the same Dialog 3200 Digital Telephone used in the office no new equipment or CTI interface to learn, and installation and setup are easily accomplished using the D3 telephone display.
- *PBX Features Support.* Supports ACD software packages and call accounting, allowing statistical monitoring of remote workers and simplifying phone expenses.
- *Security Remote.* User passwords prevent unauthorized access to the MD110 or BusinessPhone PBX. Remote data options allow you to take advantage of existing remote data security.
- *PBX Compatibility.* Ericsson MD110 and BusinessPhone (BP250, BP50, BP128i) Communication Platform

Technical Data

General Set Up Guidelines

	Option T	Option E
Type of Line	ISDN BRI (uses one B channel for voice and second B channel for data)	ISDN BRI (uses one B channel for voice and second B channel for data)
ISDN Line Interface	Internal	Internal
Data Connection	PPP dial up connection through a DB-9 to RS-232	10Base-T Ethernet (Ethernet cable optional)
Data Rate	Dedicated 57.6 kbps	Dedicated 64 kbps
Voice Compression Standard	G.726 (32 kbps ADPCM)	G.726 (32 kbps ADPCM)
Dial-up Networking Support	•	–
Data-On-Demand Support	–	•

Key features

- Call-On-Demand
- ACD software compatible
- 32 kbps voice compression
- Software upgradeable via Flash ROM using the RS-232 port or the ISDN link

Dimensions

- Size (HxWxD): 205mm x 205mm x 40mm
- Weight: 1 kg

Power supply

- External adapter (included), mains cable to be added
- Line voltage: 110-240 Volts AC
- Frequency: 60 Hz
- Maximum power draw: 16 Watts

Hardware

- Form factor: Small footprint; desktop unit

Connectors included on unit:

- One RJ-11/RJ-45 for Dialog 3200 Digital Telephone set
- One RJ-45 10Base-T Ethernet for PC connection (optional)
- One DB-9 RS-232 for device management (all models) and data transmission (option T)
- One RJ-45 for ISDN cable
- Power jack

Operating Environment

Temperature:
0 °–55 °C

Relative humidity:
5 to 95% (non-condensing)

Regulatory Approvals

- NRTL/C (CSA and UL), FCC Part 15 (Class A on Switch and Class B on Remote), FCC Part 68, Industry Canada
- A Declaration of Conformity (DoC) for the Remote Digital Extender 3000 is available and valid for the European Economic Area (EEA, EU, CH, NO), Switzerland, Hungary, Czech Republic and Estonia.

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