



MicroLink dLAN ISDN Router



ISDN router for Internet access and data sharing in LAN and dLAN.

- ISDN modem, router, 4-port switch, firewall and HomePlug adapter in one device
- Ideal for use in home networks or small offices in combination with other dLAN components from devolo
- Up to four computers can be connected directly to the router and communicate with one another at 100 Mbps
- Integrated HomePlug adapter for networking via the household power circuit
- No new cables, no drilling, no dirt! Internet from power sockets throughout the house
- Surf the Internet together using just one ISDN line
- Maximum security from interception thanks to DES_{pro} encryption over the electricity circuit
- Comprehensive security and firewall functions
- Easy configuration with a web browser
- 3-year warranty

The MicroLink dLAN ISDN Router from devolo unites four devices into one: The integrated switch enables the PCs to communicate with one another, the ISDN modem and router let all of them surf the Internet simultaneously. It also bridges the gap between separate LAN networks through the integrated HomePlug adapter. Using the power circuit, the network can be extended almost anywhere in the building. By using further dLAN products, for example in connection with an additional switch, spatially separated workgroups can be united for shared access to the Internet or data in the network. With the MicroLink dLAN ISDN Router, devolo presents tried-and-trusted technology in an innovative product.



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Enjoy the benefits of the MicroLink dLAN ISDN Router:

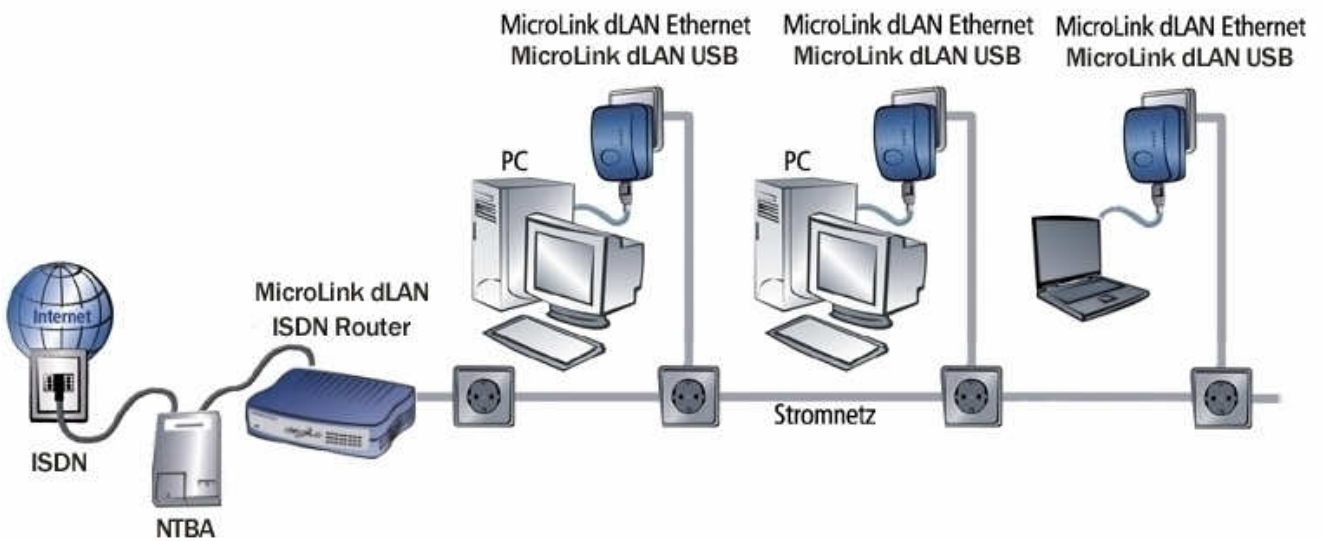
- **Faster in the Internet!** The MicroLink dLAN ISDN Router reaches Internet speeds of 128,000 bps when both ISDN lines are bundled. That makes those tedious waits for file downloads, web pages and online gaming a thing of the past.
- **Faster online!** The Installation Wizard helps you to set up and configure the Internet connection. A list of the most popular Internet providers helps you on the way into the Internet.
- **Work together!** The MicroLink dLAN ISDN Router features an integrated switch with four 100 Mb ports for connecting up to 4 PCs directly. Printer, server, scanner, intranet, music or photos: All information and devices can be shared within the network.
- **Surf together!** One ISDN line is all you need for all PCs to access the Internet simultaneously. If you need more than four network connections, further switches can be connected to the ports.
- **Access anywhere in the building with no new cables!** The integrated HomePlug adapter enables distributed networks to be established or further work places in other rooms to be linked up via the dLAN ISDN Router. Instead of network cables, the building's own electrical wiring is used for data transport. The MicroLink dLAN ISDN Router is ideally supplemented by additional wireless, USB or Ethernet devices from the dLAN range of products.
- **Be secure!** With IP masquerading (NAT), an integrated stateful inspection firewall and comprehensive security functions, the MicroLink dLAN ISDN Router protects your PCs and network from virus and worms.
- **Meet the highest quality standards!** The products from devolo are subjected to a thorough German quality assurance. In this way, devolo assures the optimal functionality with operating systems, international versions and protocols.



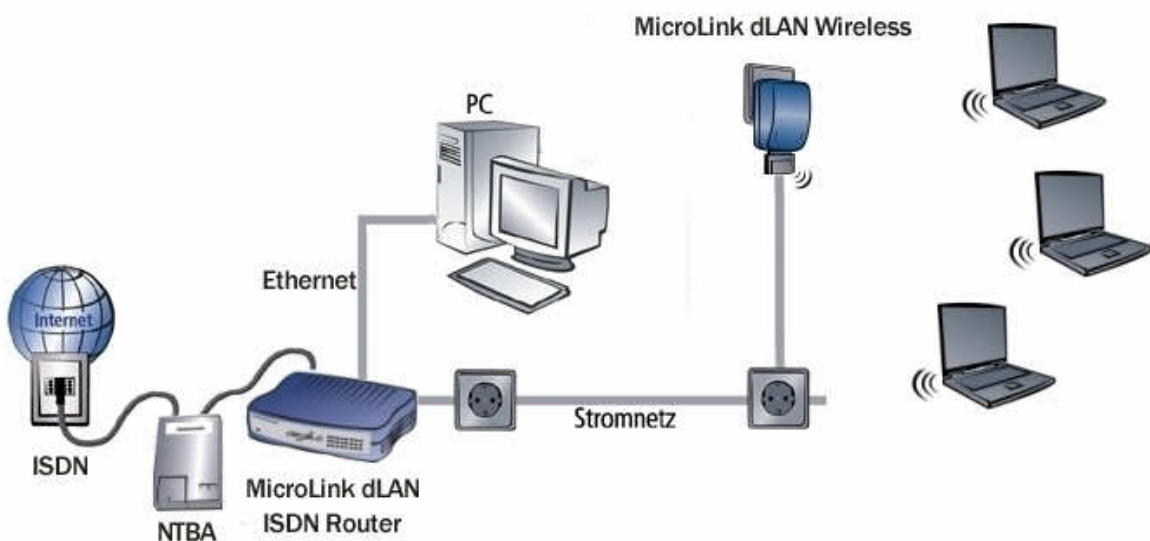
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Example application 1: PCs in different rooms of a house can be easily connected to an ISDN connection via the 230V electrical wiring.



Example application 2: Wireless surfing without problems from thick walls.





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Technical details

WAN interface

ISDN standards	DSS1 (Euro-ISDN), basic rate interface (point-to-point and point-to-multipoint connections)
WAN connection	Connector type: RJ11
Data transfer rates	64,000 – 128,000 bps
Ports	1 WAN

LAN interface

LAN standards	<ul style="list-style-type: none">▪ Ethernet specification IEEE 802.3▪ Fast-Ethernet specification IEE 802.3u▪ Full-duplex specification IEEE 802.3x
Protocols	<ul style="list-style-type: none">▪ CSMA/CD▪ TCP/IP
Data transfer rates + range	<ul style="list-style-type: none">▪ Switch: 10/100 Mbps▪ dLAN: 14 Mbps, 200 m via electrical wiring
dLAN security	DES _{pro} encryption via power circuit
Ports	4 LAN with Auto MDI-X (LAN ports also work as uplink ports),
Computer interface	RJ45

Technical specifications

Power supply	AC adapter: 230V / 12V DC; 700 mA
Temperature	5 – 40°C (=41°F – 104°F)
Environment	10-80% humidity (non-condensing)
Design	Plastic case
Weight	340 g
Dimensions	169 x 134 x 1.57 in (width x depth x height)
Approvals	CE compliant in accordance with all technical requirements for all EU countries and Switzerland: EN 60950-1 :2001 EN 55024 :1998 +A1:2001 EN 55022: 1998 +A1 :2000 (Class A)



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Protocols and functions

LEDs	<ul style="list-style-type: none">▪ Power▪ 4x3 status LEDs for Ethernet connections (Link / Act) and uplink port▪ 3 for WAN status (Connect / Link / Data)▪ 1 status HomePlug connection (Act)
Stateful inspection firewall for protection from Internet attacks, such as:	<ul style="list-style-type: none">▪ IP spoofing▪ Ping of Death▪ Land attack▪ Reassembly attack▪ SYN flooding▪ DoS attack▪ Winnuke attack Features: <ul style="list-style-type: none">▪ Intrusion detection system▪ Ping filter▪ Stealth mode
Routing	Class C, 254 User
Protocols	<ul style="list-style-type: none">▪ PPP▪ TCP/IP▪ MLPPP▪ HDLC▪ Supports VPN pass-through (PPTP)
System requirements	CD-ROM drive For Internet access: ISDN from any telecommunications provider
Operating systems	includes, but not limited to, Windows® 98, Windows® Me, Windows® 2000, Windows® XP, Linux®, Mac™ OS X and all TCP/IP operating systems

Other

<ul style="list-style-type: none">▪ Firmware updates▪ On/off switch▪ Factory-defaults button▪ DNS configuration▪ Port forwarding (virtual server)▪ ISDN configuration



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Sales information

Item numbers	01743 DE, AT
EAN code	4250059617445 DE, AT
Warranty	3 years
Service & Support Hotline	Tel.: 0180-5338656 (Germany only) E-mail: support@devolo.de
On-site Service	Tel.: 01805-665066 (Germany only)
Sales Infoline	Tel.: +49 (0)241-1827979 Fax: +49 (0)241-1827997 E-mail: vertriebsinfo@devolo.de
Design	Plastic case
Weight	1200 g
Packaging size	188 x 302 x 115 mm (height x width x depth)
Accessories	Modem – NTBA – connection: telephone cable (RJ11 – RJ45) 5m AC adapter: 230V / 12V DC; 700 mA Documentation: printed manual CD-ROM: PDF manual, installation guide