

SHDSL Bridge Router

Michelangelo SHDSL.bis - Code 8E4458

- Bridge Router with **SHDSL.bis** technology
- **Point to Point Bridge** applications
- Built-in **Stateful Packet Inspection Firewall**

DESCRIPTION

SHDSL.bis

Michelangelo SHDSL.bis is a **Bridge/Router with SHDSL.bis technology** for connections **up to 5.7 Mbps** (2 wires connection).

The **SHDSL.bis technology**, so as the HDSL one, performs symmetric connections, that is the downstream and the upstream are the same. This is its main feature if compared with the ADSL technology that performs asymmetric connections (the upstream is lower than the downstream).

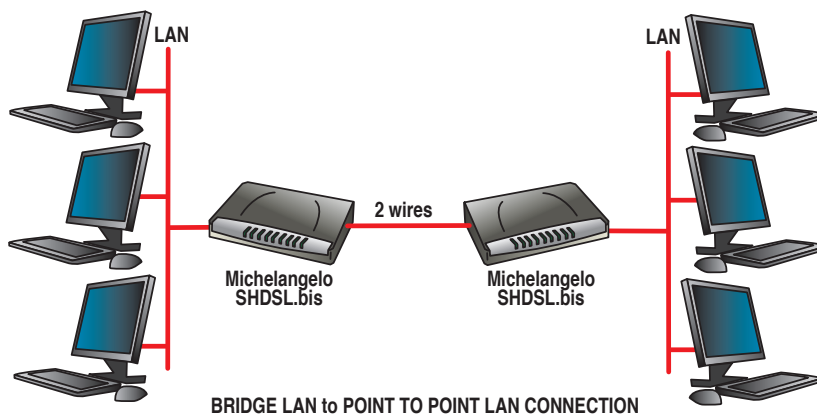


These two xDSL technologies (symmetric and asymmetric) allow to choose the best solution for the application to be carried out or for the service to be offered.

With the Michelangelo product line, Digicom satisfies any kind of application.

The **typical application** of Michelangelo SHDSL.bis is the **Point-to-Point Bridge** that allows the connection of two LANs over the leased line.

Michelangelo SHDSL.bis uses the traditional twisted pair (metallic continuity is needed). In case of **campus applications** (inside a private estate) it is not necessary to buy leased lines (CDA), but you can use proprietary lines.



Michelangelo SHDSL.bis 16/03/2010

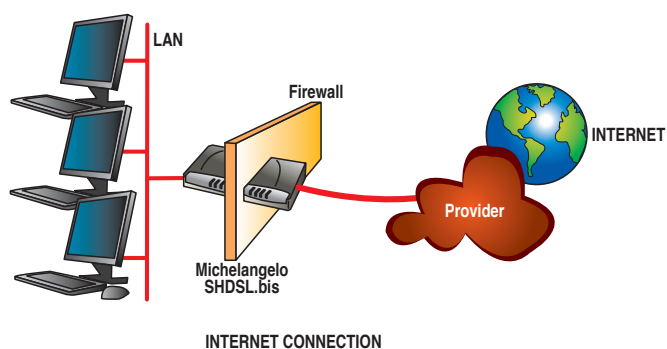


For further information visit our website
<http://www.digicom.it>

Michelangelo SHDSL.bis is the ideal solution also for telecom operators that offer **Internet connections with symmetric speed**.

The connection speed is automatically setup for the maximum performance also in critical connection conditions.

() Michelangelo SHDSL.bis is interoperable with Michelangelo SHDSL (code 8E4338) in 2 wires connections up to 2Mbps.*



TECHNICAL FEATURES

ROUTER SHDSL

- ITU-T G.991.2 standard
- Symmetric speed up to 5.7 Mbps
- Autoadaptive connection speed

ATM and PPP Protocols

- ATM Adaptation Layer Type 5 (AAL5)
- Multiple Protocol over AAL5 (RFC 2648, formerly RFC 1483)
- Bridged or router Ethernet encapsulation
- VC and LLC based multiplexing
- PPP over Ethernet (PPPoE)
- PPP over ATM (RFC 2364)
- Classical IP over ATM (RFC 1577)
- MAC Encapsulated Routing (RFC 1483 MER)
- OAM F4/F5

Protocols & Network Functionalities

- Nat, static routing and RIP 1/2
- Dynamic Domain Name System (DDNS)
- Virtual Server and DMZ
- SNTP, DNS relay and IGMP proxy
- QoS support

Firewall

- Stateful Packet Inspection (SPI)
- Prevent DoS, Packet filtering, URL blocking

Management

- Local and Remote WEB based configuration
- WEB based firmware update
- EmbSNMP v3, MIB-I and MIB-II support
- DHCP Server/Client/Relay support

Hardware

- WAN: SHDSL port
- LAN: 10/100M 4 ports switch (MDI/MDI-X)
- Factory default reset button
- Power jack
- Power switch
- Input: 12V DC, 1A
- Operating temperature: 0 - 40°C
- Humidity: 20 - 95% non condensing