Discus™

DRG A125G

Fast, reliable and easy to set up, Discus™ DRG A125G allows high speed broadband access through a wireless LAN. The device enables both VoIP and data applications.

- ADSL 2/2+
- Annex A, B
- USB 1.1
- 4 Ethernet ports 10/100 (switch)
- Wi-Fi 11b/g - Multiple SSID
- Security and firewall

By using a best-in-class and field-proven ADSL2+ chipset platform, DRG A125G delivers the highest level of interoperability with central office equipment, resulting in fast service introduction and no additional qualification costs.

Pirelli can help service providers reduce installation overhead and provide the end user the freedom to manage directly their own network by supplying an optional Smart Setup CD, enabling broadband access in less than 10 minutes.

Discus™ DRG A152G is a versatile and cost-effective router for reliable and high-speed broadband connectivity.

Subscribers can easily surf the Internet, manage e-mails and communicate in a safe and secure environment. Furthermore, the four Ethernet ports and Wi-Fi 11b/g interface allow the Small/Home Office end-user to extend his private network.
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**TECHNICAL SPECIFICATIONS**

**WAN interface**
- 1 ADSL Line port (RJ-11 plug) supporting the following standards:
  - ADSL (G.992.1, G.992.2, T1.413, G.994.1, G.997.1)
  - Annex A
  - Annex B
  - ADSL2 (G.992.3)

**LAN Interfaces**
- 4 10/100BASE-T Ethernet ports (RJ-45 plug), compliant with IEEE 802.3, with auto MDIX and auto-negotiation.
- Ports can be configured in order to be dedicated to video traffic to/from a STB
- N° 1 USB Device v 1.1

**Wireless Interface**
- IEEE 802.11b/g
- UBR, VBR-nrt, VBR-rt, CBR traffic classes
- Up to 8 PVC
- Pre-emptive SAR
- Multiple physical queues (up to 8) per traffic class, with priority-based scheduling support.

**ATM features**
- ATM (AAL5) payload format
- UBR, VBR-nrt, VBR-rt, CBR traffic classes
- Up to 8 PVC
- Pre-emptive SAR
- Possibility of multiple physical queues (up to 8) per traffic class, with priority-based scheduling support.

**WAN Protocol Encapsulation**
- Bridged/Routed Ethernet over ATM (RFC 2684 / RFC 1483)
- PPP over Ethernet (RFC 2516)
- PPP over ATM (RFC 2364)
- IP over ATM (RFC 1577)
- MTU settable

**Routing / Bridging**
- RIP v1/v2 and static routing
- NAT/NAPT (with ALGs)
- IP QoS
- DRCP Server/Client
- VPN pass-through
- IPv6
- DNS relay
- NTP
- IGMPv2 proxy

**QoS**
- Traffic shaping (ATM layer)
- Priority-based scheduling (up to 8 queues, max 4 per PVC)
- DSCP/TOS remarking

**Security**
- Programmable firewall

**Remote management**
- DSL Forum TR-069
- FTP/TFTP client for remote firmware upgrade
- Diagnostics and LOGs
- Telnet with CLI
- WEB server with Admin/User configuration Pages

**VLAN**
- Supports multiple VLAN ID per ports
- Configurable layer-two switching
- Buttons
  - 1 x Reset Button
  - 1 x Power Button
- LEDs
  - Power, 4 Ethernet link/activity, Wireless activity, USB activity, ADSL line Activity, Internet
- Power Adapter
  - INPUT: 230Vac 50Hz 135mA
  - OUTPUT: 15Vac 0.5 A
- Environmental Specifications
  - Temperature:
    - Operating: 0 to 40 °C
    - Non Operating: -20 to 65 °C
  - Relative Humidity:
    - Operating: 10% to 85% non condensing
    - Non Operating:5% to 95% non condensing
- Agency Approvals and Certifications
  - CE mark, ITU-T K21, WEEE, RoHS, Wi-Fi certification (by Wi-Fi alliance)
- Physical Specifications:
  - Dimensions: 235 x 100 x 185 mm
  - Weight: 1.27 kg
- Standard Package Contents
  - DRG A125G
  - Power adapter
  - Ethernet cable
  - USB cable
  - Phone cable
  - Quick guide
  - CD

Features subject to change - not contractually valid unless specifically authorized by Pirelli Broadband Solutions S.p.A.

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