

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**

Discus™ DRG A125G 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.

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.

DiscusTM DRG A125G

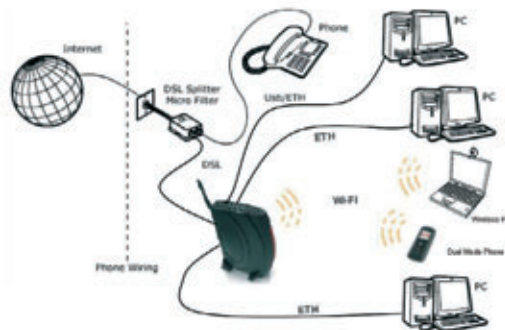
- ADSL 2/2+
- Annex A, B
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- 4 Ethernet ports 10/100 (switch)
- Wi-Fi 11b/g - Multiple SSID
- Security and firewall



The casing and branding can be customized according to your specific service profile.

TECHNICAL SPECIFICATIONS

WAN interface	1 ADSL Line port (RJ-11plug) supporting the following standards: <ul style="list-style-type: none"> • ADSL (G.992.1, G992.2, T1.413, G994.1, G.997.1) • ADSL2 (G.992.3) • ADSL2+ (G992.5) Annex A/Annex B are available in different product versions
LAN Interfaces	N° 4 10/100BASE-T Ethernet ports (RJ-45 plug), compliant 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 DHCP Server/Client VPN pass-through IPv4 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 0.8 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



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