

Discus™ DRG A112



**Fast, reliable and easy to set up,
Discus™ DRG A112 is the ideal
solution for high speed
broadband access.**

Discus™ DRG A112 is a versatile and cost-effective combo 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 user can extend his private network by connecting an access point or a switch to the DRG A112 via the Ethernet port.

- ADSL 2/2+
- Annex A, B
- USB 1.1
- Ethernet 10/100
- IP QoS
- Security and firewall
- Smart Setup

By using a best-in-class and field-proven ADSL2+ chipset platform, DRG A112 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.

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MAIN FEATURES

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, .997.1) ▪ ADSL2 (G.992.3) ▪ ADSL2+ (G992.5) Annex A/Annex B are available in different product versions
LAN interface	N° 1 10/100BASE-T Ethernet ports (RJ-45 plug), compliant IEEE 802.3, with auto MDIX and auto-negotiation. N° 1 USB Device v 1.1
ATM features	ATM (AAL5) payload format 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*
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	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
Management	DSL Forum TR-069 TFTP client for remote firmware upgrade Diagnostics and LOGs Telnet with CLI WEB server with Admin/User configuration Pages

LEDs

- Power
- Ethernet port
- USB Device
- ADSL Link
- Internet

Buttons

- 1 x Reset Button
- 1 x Power Button

Power Adapter

- INPUT: 230Vac 50Hz 85mA
- OUTPUT: 12Vac 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

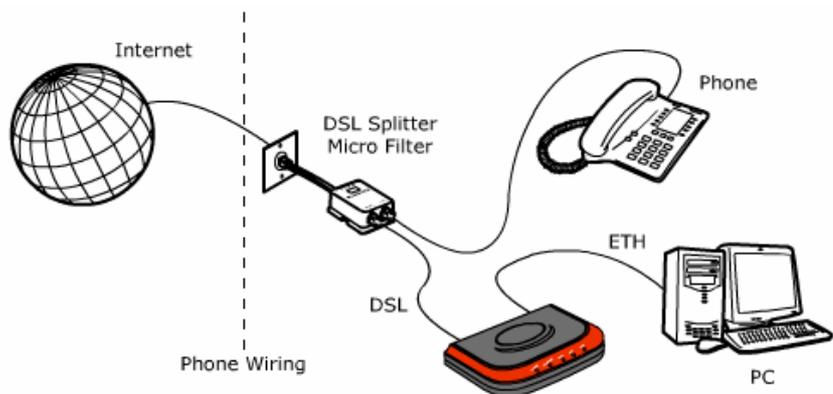
- CE mark
- ITU-T K21
- RoHS
- WEEE

Physical Specifications

- Dimensions: 155 x 280 x 66 mm
- Weight: 0.96 kg

Standard Package Content

- DRG A112
- Power adapter
- Ethernet cable
- USB cable
- Phone cable
- CD
- Safety leaflet



(*): optional on request