Discus™ DRG A115

Fast, reliable and easy to set up, Discus™ DRG A115 is the ideal solution for high-speed broadband access for Home and SoHo customers.

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

Discus™ DRG A115 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 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 A115 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: ▪ 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° 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
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	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
Management	DSL Forum TR-069 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

LEDs
Power
Ethernet Ports
ADSL Link
Internet

Buttons
1 x Reset Button
1 x Power Button

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
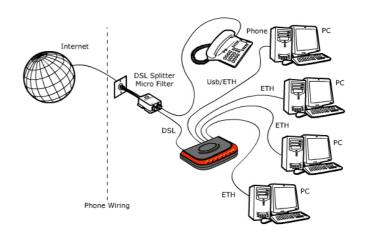ITU-T K21
RoHS
WEEE

Physical Specifications
Dimensions: 155 x 280 x 66 mm
Weight: 1.1 kg

Standard Package Content
DRG A115
Power adapter
Ethernet cable
USB cable
Phone cable
CD
Safety leaflet

(*): optional on request