

Discus™ DRG A124N



**With an integrated draft 802.11n
Wireless Access Point,
the DRG A124N offers extremely
high throughput, coverage and
signal robustness.**

Discus™ DRG A124N is an advanced Residential Gateway providing the new generation of WLAN technology – IEEE 802.11n (draft). IEEE 802.11n draft extends the possibilities of wireless home networking both in wireless speed and coverage.

By means of WPS button the subscribers can easily build secured connections between the DRG A124N and wireless network clients. Furthermore, the four Ethernet ports allow the end-user to extend his private network.

- **ADSL 2/2+**
- **Annex A, B, L, M**
- **4 Ethernet ports 10/100**
- **Wi-Fi 11b/g/n**
- **Security and firewall**
- **WPS**
- **Smart setup**

By using a best-in-class ADSL2+ chipset platform, DRG A124N 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 A124N

LEDs

- Power
- Wi-Fi
- 4 Ethernet
- ADSL Link
- ADSL Data
- WPS

Buttons

- 1 x Reset Button
- 1 x WPS
- 1 x Power Button

Power Adapter

INPUT: 100/240Vac 50/60Hz 0.5A
OUTPUT: 15VDC / 0.8A

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*
- Wi-Fi certification (by Wi-Fi alliance)
- RoHS
- WEEE

Physical Specifications

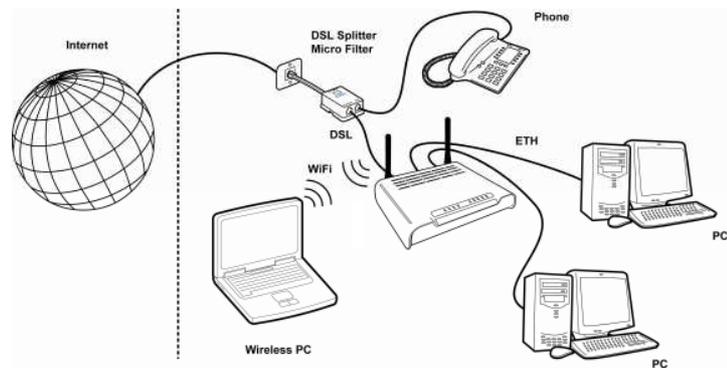
210mm (W) x 130mm (D) x 35mm(H)

Standard Package Content

- DRG A124N
- Power adapter
- Ethernet cable
- Phone cable
- CD
- Safety leaflet

MAIN FEATURES

WAN interface	1 ADSL Line port (RJ-11 plug) 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° 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
Wireless Interface	Wi-Fi access point solution is compliant with: <ul style="list-style-type: none"> - IEEE 802.11b/g n (draft 802.11n) - WPA/WPA2 (IEEE 802.11i) - WMM (IEEE 802.11e) - N°2 external antennas - WPS Push Button
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 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



(*): optional on request