

# Discus™ DRG A124G



**Fast, reliable and easy to set up, Discus™ DRG A124G allows high speed broadband access with the convenience of Wireless LAN connectivity: both data and VoIP applications through Wi-Fi/Dual Mode phones can be created.**

Discus™ DRG A124G is a versatile and cost-effective router for reliable and user-friendly high speed broadband access, which includes wireless LAN connectivity. Subscribers can quickly surf the Internet, manage e-mails and communicate with all the necessary security and privacy.

Furthermore, Discus™ DRG A124G makes the User able to extend his private network through the available four Ethernet ports switch and Wi-Fi 11b/g interface. This feature makes the device able to fit the need of a Small/Home Office environment.

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

By using best-in-class and highly field-proven ADSL2+ chipset platform, DRG A124G brings to the Telco the value of highest Interoperability with Central Office equipment, resulting in fast service introduction and no additional qualification costs.

Smart Setup installation CD can be provided to make the user able to get connectivity in fewer than 10 minutes. This feature is intended to meet Service Providers' wish to strongly reduce the installation support while making subscribers satisfied to directly manage their work station and network environment.

# Discus™ DRG A124G



## 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: 12Vdc 1A

## 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

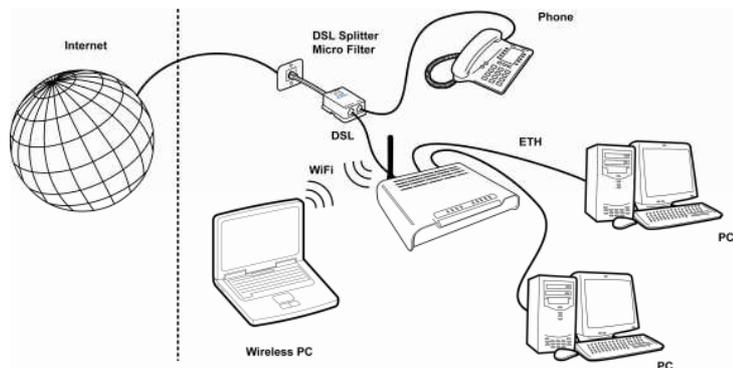
159mm (W) x 147mm (D) x 33mm(H)

## Standard Package Content

- DRG A124G
- Power adapter
- Ethernet cable
- Phone cable
- CD
- Safety leaflet

## MAIN FEATURES

<b>WAN interface</b>	1 ADSL Line port (RJ-11 plug) supporting the following standards: <ul style="list-style-type: none"> <li>▪ ADSL (G.992.1, G992.2, T1.413, G994.1, .997.1)</li> <li>▪ ADSL2 (G.992.3)</li> <li>▪ ADSL2+ (G992.5)</li> </ul> Annex A/Annex B are available in different product versions
<b>LAN interface</b>	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
<b>Wireless Interface</b>	Wi-Fi access point solution is compliant with: <ul style="list-style-type: none"> <li>- IEEE 802.11b/g</li> <li>- WPA/WPA2 (IEEE 802.11i)</li> <li>- WMM (IEEE 802.11e)</li> <li>- N°1 external antennas</li> <li>- WPS Push Button</li> </ul>
<b>ATM features</b>	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 <b>priority-based scheduling support*</b>
<b>WAN Protocol Encapsulation</b>	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
<b>Routing / Bridging</b>	RIP v1/v2 and static routing NAT/NAPT (with ALGs) IP QoS DHCP Server/Client VPN pass-through IPv4 DNS relay NTP IGMPv2 proxy
<b>QoS</b>	Traffic shaping (ATM layer) Priority-based scheduling (up to 8* queues, max 4 per PVC ) DSCP/TOS remarking
<b>Security</b>	Programmable firewall
<b>Management</b>	DSL Forum TR-069 FTP/TFTP client for remote firmware upgrade Diagnostics and LOGs Telnet with CLI WEB server with Admin/User configuration Pages
<b>VLAN</b>	Supports multiple VLAN ID per ports Configurable layer-two switching



(\*): optional on request