

Discus™ DRG A226G

Combining an ADSL2+ WAN interface
with a wide choice of LAN interfaces
(Wi-Fi, FXS, FXO, USB, and ETH)
the
Discus™ DRG A226G offers
an integrated feature-rich
platform for the distribution
of your triple/quad-play services.



- ADSL 2/2+
- Annex A,B
- Ethernet
- USB 2.0 host
- USB 1.1 device
- VoIP SIP/MGCP
- Wireless 802.11b/g
- Wireless 802.11n*

The Discus™ DRG A226G provides the most comprehensive set of interfaces and features to address the needs of bundled, triple-play and converged services.

Thanks to its advanced networking and QoS capabilities, the Discus™ DRG A226G supports a wide range of applications such as wired/wireless data, VoIP, dual-mode/fixed-mobile convergence, IPTV, shared storage, and printing

While based on the prevalent industry standards applicable for networking, voice protocols, and hardware interfaces, Discus™ DRG A226G software can be customized by Pirelli to suit your specific functional and service requirements. Discus™ DRG A226G supports the DSL Forum TR-069 protocol which permits remote management. In addition, this device is fully interoperable with the Pirelli Management Platform (PMP), a remotely managed system that enables auto-provisioning and secure firmware upgrades.

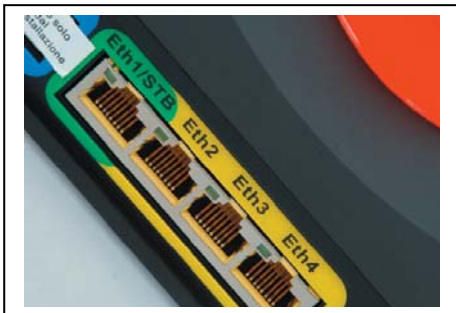
Pirelli can help service providers reduce installation overhead and provide the end user the freedom to manage directly their own network by supplying an optional Smart Setup CD, enabling broadband access in less than 10 minutes.

Features subject to change - not contractually valid unless specifically authorized by Pirelli

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The Discus™ DRG A226G belongs to the family of Multiplay Residential Gateways offering multiple solutions that can be tailored to your specific requirements:

- ADSL2+ or ETH WAN interface
- 802.11 b/g
- FXO port
- USB host 2.0
- DECT
- Other features available on request
 - Parental Controls
 - Smart card reader

TECHNICAL SPECIFICATIONS

WAN Interface	1 ADSL Line port (RJ-11plug) supporting the following standards: <ul style="list-style-type: none"> • AADSL (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 Host v.2.0 N° 1 USB Device v1.1
Wireless LAN Interface	IEEE 802.11b/g (embedded MiniPCI for an easy upgrade to 811.11n technology) Security: WPA/WPA2 (IEEE 802.11i) Multiple SSID QoS: WMM (IEEE 802.11e) N°2 external antennas (optionally internal)
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
VoIP	Signaling protocol: SIP, MGCP Echo cancellation: G.165/168 Voice compression: G.711 (a/u law), G.723, G.726, G.729a with configurable packet length DTMF detection and generation Silence suppression and comfort noise generation Adaptive jitter buffer FAXoIP: G.711 pass-through and T.38 Ports: <ul style="list-style-type: none"> • N°2 FXS Phone port (RJ11 Plug) • N°1 FXO Phone port (RJ11 Plug)
WAN	Power, Ethernet link/activity, Wireless activity, USB link/activity, Phones, ADSL line Activity, Internet Activity 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
VLAN	Supports multiple VLAN ID per ports Configurable layer-two switching
Remote management	DSL Forum TR-069 TFTP client for remote firmware upgrade Diagnostics and LOGs Telnet with CLI WEB server with Admin/User configuration Pages

System Requirements

ADSL Internet service
Windows 98SE, Windows ME, Windows 2000, Windows XP 32bit or MAC 10.x
Bridge: WAN-LAN transparent bridging; Transparent bridging between LAN devices
USB 1.1 port (PC side)
As optional, an 802.11b/g wireless NIC
At least, 60MB of free hard disk space
At least, 128 MB of RAM
Supported Browsers: Internet Explorer 5.5 or higher, Netscape 4.7 or higher
Buttons
1 x Reset Button.
1 x Power Button
LEDs
Power, Ethernet link/activity, Wireless activity, USB link/activity, Phones, ADSL line Activity, Internet Activity
Power Adapter
INPUT: 100-240Vac 50/60 Hz 0,51 A
OUTPUT: 15Vac 1,2 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: 250 x 220 x 95 mm
Weight: 1.25 kg
Standard Package Contents
DRG A226G
Power adapter
Ethernet cable
USB cable
Phone cable
Quick guide
CD

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