

# P.DG A4010G

*ADSL2+ Wireless Data Gateway*



## Features at Glance

**Fast, reliable, stylish and easy to set up, P.DG A4010G, with its embedded Broadcom state of the art technology is the ideal solution for Service Providers to guarantee efficient, reliable and robust broadband wired and wireless Home connectivity**

- **ADSL 2/2+**
- **Annex A, B options**
- **USB 1.1d**
- **4 Ethernet ports 10/100 Base-T/TX**
- **Wi-Fi IEEE 802.11b/g**
- **Advanced QoS**
- **Security and firewall**

P.DG A4010G is a versatile and high performance 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 and Wi-Fi 11b/g interface allow the end-user to extend his private network.

By using a best-in-class and field-proven Broadcom ADSL2+ chipset platform, P.DG A4010G delivers the highest level of interoperability with central office equipment, resulting in fast service introduction and no additional qualification costs.

Pirelli can reduce Service Providers installation and Customer Support issues making available an optional 'Smart Setup' software wizard, enabling broadband access in a very user friendly way and in less than 10 minutes.

# P.DG A4010G

## Product Family

P.DG MODEL	ETH	USB 1.1 D
P.DG A4010G	4	1
P.DG A4000G	4	0
P.DG A1010G	1	1
P.DG A1000G	1	0

## LEDs

Power
Wi-Fi
4 Ethernet
ADSL Link
Internet
Usb

## Buttons

1 x Reset Button
1 x Power Button
1 x WPS

## Power Adapter

INPUT: 100/240Vac 50/60 Hz
OUTPUT: 12VDC, 1 A.

## Environmental Specifications

Temperature:
• Operating: 0 to 40 °C
• Non Operating: -20 to 65 °C
Relative Humidity:
• Operating: 10% to 90% non-condensing
• Non Operating: 5% to 95% non-condensing

## Agency Approvals and Certifications

CE mark
Wi-Fi Alliance
RoHS
WEEE
EuP

## Physical Specifications

Dimension: 190 x 38 x 135 mm
Weight: 270gr

## Standard Package Content

P.DG A4010G
Power adapter
Ethernet cable
USB cable (in case the model provide USB port)
Phone cable
CD
Safety leaflet

(\*): optional on request

## MAIN FEATURES

<b>WAN interface</b>	1 ADSL Line port (RJ-11plug) supporting the following standards: <ul style="list-style-type: none"> <li>ADSL (G.992.1, G.992.2, T1.413, G.994.1, .997.1)</li> <li>ADSL2 (G.992.3)</li> <li>ADSL2+ (G.992.5)</li> </ul> Annex A/Annex B are available in different product versions
<b>LAN interface</b>	N° 4 10/100BASE-T/TX 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
<b>Wireless Interface</b>	Wi-Fi access point solution compliant with: <ul style="list-style-type: none"> <li>IEEE 802.11b/g</li> <li>WPA/WPA2 (IEEE 802.11i)</li> <li>N°1 external antenna</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 priority-based scheduling support*
<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>	IPv4 RIP v1/v2 and static routing NAT/NAPT (with ALGs) DHCP Server/Client VPN pass-through DNS relay NTP IGMPv2 proxy
<b>QoS</b>	Traffic shaping (ATM layer) IP QoS 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

