



CERBERUS

P 6331-6



PENTAGRAM Cerberus P 6331-6 the most advanced of the PENTAGRAM's routers. Perfect for demanding users who want to share their ADSL, ADSL 2 or ADSL 2+ Internet connection in a safe and efficient way.

Cerberus acts as a Gateway allowing you to connect your local network to the Internet. For wireless networks it functions as an access point.

The P 6331-6 router provides bandwidth management (QoS) based on port numbers, protocols and IP addresses. This allows you to divide your Internet connection between users or network protocols and avoid blocking up your line.

All the functions are easily accessible in the browser-based control panel. Furthermore the panel allows you to upgrade firmware to the newest available version.

Distinguishing features:

- ADSL, ADSL2 & ADSL2+ (Annex A)
- Advanced QoS and bandwidth management
- DDNS
- Firewall
- VPN
- WEP, WPA & WPA2 encryption

All PENTAGRAM's products can be found on our website:
www.pentagram.eu

general	
WAN	1 x WAN port for phone line to ADSL-type connection (ADSL, ADSL 2 or ADSL 2+) Annex A
LAN	built-in 10/100 Mbps 4-port switch
WLAN	- standard: IEEE 802.11b/g - bandwidth: 11g mode: 54/48/36/24/18/12/9/6 Mb/s 11b mode: 11/5,5/2/1 Mb/s - encryption: WEP 64/128 bit, WPA, WPA2 - WDS support
protocols	Multi-protocol ADSL, IP, NAT, DHCP, PPPoE, PPPoA, UPnP, AAL5, ARP, ICMP, SNMP, VLAN
wiring	RJ-11 (phone) RJ-45 (100Base-T) UTP Cat 5
signal diode	PPP, ADSL, 4xLAN 10/100 Mb/s, WLAN, SYS, PWR
functions	
NAT	yes
firewall	- packet filtering, - attack types prevention: Dos (including IP Spoofing), Land Attack, Smurf Attack, Ping of Death, TCP SYN Flooding, etc. - URL filtering - MAC addresses filtering
QoS	Quality of Service - bandwidth management based on: IP addresses, port numbers and protocols. DiffServ support.
VPN	L2TP, PPTP, Ipsec pass-through
virtual server	yes, with DMZ
DDNS	yes, including the most popular DDNS service providers (ex.: www.dyndns.org)
DHCP	yes, client/server
OAM	- Operation, Administration and Maintenance (F4/F5) support
routing configuration	static and dynamic routing using RIP1 and RIP2 protocols password-protected, browser-based control panel
software	
firmware	firmware upgrade option included in the control panel
other software	-
physical data	
dimensions	185x127x47 mm
power input	12 V, 1 A
operating temp.	0÷40°C
manuals	
Quick Start Guide	Thanks to this book, even if you are not experienced user you can install the device on your computer. The guide will lead you step by step through the whole installation process. QSG is available in six languages (PL, EN, DE, CZ, SK, RU).
User's manual	Full user's manual describes all of the device's functions. Available in polish and english languages.
installation requirements	
required connection	ADSL, ADSL 2 or ADSL 2+ line; ethernet or Wi-Fi 802.11b/g Network Interface Card
operating system	any OS with TCP/IP support and web browser
support	
technical support	e-mail & www
warranty	5 years
box contents	
	1. Cerberus P 6331-6 2. Power adapter 3. Ethernet cable (RJ-45) 4. Telephone cable (RJ-11) 5. Application CD 6. Multilingual Quick Start Guide (PL, EN, DE, CZ, SK, RU)

* Since PENTAGRAM Europe is constantly introducing the latest solutions, all the information and technical specifications are subject to change without prior notice.

