



Data Sheet | GD5205

CableLabs® certified EuroDOCSIS 3.0 Cable Gateways Dual Band 802.11n/ac 3x3 MIMO

The range of advanced EuroDOCSIS 3.0 cable gateways from Pace deliver up to 16 bonded downstream channels with speeds up to 880 Mbps and up to 4 upstream channels for flexible return path configuration.

An advanced 11ac 3x3 MIMO solution based on Dual band concurrent 802.11n (2.4 GHz) at 300 Mbps configurations concurrently with 802.11ac (5 GHz) up to 1300 Mbps allow for ultimate wireless range for complete home connectivity, coverage and high speeds.

Full Band Capture technology enables powerful measurement and diagnostic utilities coupled with Pace ACS for best in class maintenance, support and lowest TCO.

Summary

- EuroDOCSIS 3.0 16x4
- Best-in-class, High-Power, Dual Band Concurrent 802.11n/ac Wi-Fi with WPS
- Up to 512 MB DDR3 RAM / 256MB Flash
- Four Gigabit Ethernet ports with activity LED's
- Dual USB 2.0 host ports
- Dual FXS ports
- TR-069 and SNMPv3 for provisioning and monitoring
- Powerful up and downstream spectrum Analyzer functionality with no impact to DOCSIS performance
- Faster Installs, Self-Installation utility, reduced maintenance calls
- Wi-Fi Analyzer

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GD5205

Technical Specifications

RF Interface

WAN Interface 1 x RF Type-F Female Connector

Frequency Upstream 5MHz to 65 MHz

Downstream 88MHz to 1002MHz

DOCSIS Cable Modem

EuroDOCSIS 3.0 16x4 cable modem

System Processor/Memory

1600 DMIPS VIPER CPU

1800 DMIPS Apps CPU

256MB DRAM (expandable to 512MB)

128MB Flash (expandable to 256MB)

Interfaces (Back Panel)

2 x USB 2.0 ports

4 x 10/100/1000 Ethernet Ports

(with activity and link LEDs)

Power input (12V DC)

WPS button

WLAN button

Reset button (Recessed)

Front Panel

9 LED indicators:

Power, DownStream, UpStream, Online, 2.4GHz, 5GHz, WPS, FXS1, FXS2

Wi-Fi 2.4GHz, Wi-Fi 5GHz

Software

Discovery Protocols Zero Configuration, UPnP

Streaming Protocols DLNA

Diagnostic Protocols SNMPv3

DOCSIS MIBs UPS MIBs

Router MIBs Wi-Fi MIBs

TR-069

Compliance eRouter

Route to Ethernet, MoCA (GD5305 only), WLAN

Support DNS Server, DNS address resolution

NAT, Dynamic NAT

TCP/IP, UDP, TFTP, RIPv1, RIPv2, NTP, IPSec, PPTP,

L2TP (L2TPv3 and L2TPv2), SSL

Stateful Packet Inspection (Firewall: Min, Med, Max)

Hacker Intrusion Prevention

Port forwarding, triggering, blocking

Transparent bridge mode available – network supplied IPs

MAC level bridging (IEEE 802.1d)

MAC Address Filtering

URL Filtering

IP Address Filtering

DMZ

802.1D STP, 802.1q VLAN

QoS (destination, port, protocol, virtual interface) -

802.1p/q, Port based QoS, DiffServ

VPN Termination/Pass-through

ALG - SIP Pass-Through - H.323, MGCP, QuickTime, Real Audio, Real Player, MSN Messenger, Windows Messenger, AOL Instant Messenger, Yahoo Instant Messenger, Windows Media Player, Skype, HTTP, HTTPS, DHCP, DNS, IGMP, RTSP, GRE, PPTP, L2TPv3 pass-through, IPSEC tunnelling, FTP, FTPS, TFTP, ToD, ICMP

IPv4, IPv6, DHCPv4, DHCPv6

DSLite, Dual Stack

Wireless LAN

802.11n 2x2 + 802.11ac 3x3

MIMO Dual-Band Concurrent

(5 antennas), 3 spatial streams

Support up to 16 SSID per frequency band

Independent configuration by SSID

20/40/80 MHz channels

Wi-Fi encryption: WEP-64/128, WPA-PSK, WPA2-PSK (TKIP/AES)

WPS PIN: 8 digits randomly generated – not part of the MAC address

QoS: WMM/ WMM U-APSD

User Interface

Home Network

Guest Access

Parental Control (Forbid domain and IP, Timed site access)

Media Storage

Device List

Traffic Manager

Wi-Fi Diagnostics

WAN

Firewall

VPN

Security

IPv6

Administrator

Mechanical

Dimensions: 218mm x 200mm x 48mm (L x W x H)

Weight: 0.854kg

For more information, please visit www.pace.com