Powerful multi-WAN RGW powered by iopsys

DG200 is a powerful residential gateway with multi WAN with dual concurrent WiFi. As all Inteno gateways DG200 has iopsys inside. iopsys is a modern modular operating system that supports all features required by high-end business critical Gateway software. iopsys is built on OpenWRT and combines the best from the open source community with Inteno’s 15 year experience of operator business.

Features

Excellent WiFi performance with 802.11ac; better throughput and coverage

WPS (Wi-Fi Protected Setup) for Easy Setup

Optional adapter board for Zigbee, Z-Wave or Bluetooth

Touch panel with proximity function
Specifications

**Hardware**

**General**
Based on a dual core MIPS processor
256MB DDR3 RAM and 128 NAND Flash

**LAN Interfaces**
Four 10/100/1000 Base-T Ethernet port
Two FXS ports (voice)
Integrated 802.11n 2,4GHz WiFi Access with internal 2x2 antennas
Integrated 802.11ac 5GHz WiFi, Access with internal 3x3 antennas (optional)

**WAN Interface**
Gigabit Ethernet WAN
100/1000 Base-T Ethernet
ADSL2+/VDSL2 WAN

**USB Interface**
2x USB 2.0

**Power supply**
12V DC 2A

**Operation**
Operation Temperature: 0°C ~ 45°C
Operation Humidity: 5% ~ 95%
Storage Temperature: -20°C ~ +85°C
Storage Humidity: 5% ~ 95%
Power consumption: compliant to EU CoC

**Physical Dimensions**
(Preliminary) 209 x 165 x 35 (W x D x H)

**Software**

**Network services**
Supports Point-to-Point Protocol (PPPoE) and user authentication via PAP, CHAP or MS-CHAP
DHCP client, server and relay agent
NAT / PAT – RFC1631 with support for extensive ALGs
DNS relay
IPv4 and IPv6

**Firewall**
NAT, DMZ and ALGs
Stateful Packet Inspection (SPI) with DOS protection - Ping of Death, SYN Flood LAND
Protection against IP and MAC address spoofing
UPnP NAT traversal and VPN / IPSec pass-through

**QoS**
L2/L3 QoS, 802.1Q, ToS/Diffserv
Wireless WMM

**IPTV**
IGMP snooping/Proxy V1-3
DHCP Option 43 APAS, (Any Port Any Service)
RTSP

**Wireless**
Supports 802.1x, WEP, WPA, WPA2, TKIP, AES, 802.11i
Hidden SSID
Multiple SSID
WMM for advanced Quality of Service

**USB services**
Printer server
Storage
Serial services (Z-Wave/Zigbee)
3G/4G WAN support
Most USB-dongles from Huawei, ZTE, Qualcomm, Sierra Wireless supported

**ICE-Client**
XMPP communication engine with application modules
Enabling services like WiFi Joe, File Me, Home Watch & Home Control
Pairing function to iopsys portal
Linux, Android, iOS support
HTTPS encrypted
Data streaming using stream initiation profile
NAT traversal

**Management**
IUP (Inteno Universal Provisioning) DHCP option 43/66/67/121/128
SNMP v2c/3 MIB-II
Embedded syslog; SNTP with DHCP options
UPnP Internet Gateway Device (IGD) compliance
Management and configuration via Web / HTTP
Firmware upgrade using IUP/ HTTP / TFTP / TR-069
Supports TR-069, TR-098/104 management and provisioning
One hidden console port (RS-232) for maintenance

**Adapter board**
Support for Z-Wave
Support for Zigbee
Support for Bluetooth

**Note**: Not every listed feature will be included in the shipping product. We reserve the right to make changes of technical specifications, housing or design without prior notice.