



# HCPL-200 Network Management System Gateway



- NAT
- DHCP
- Firewall
- Administrator password
- QoS remotely manageable
- Detection of undeclared PLC equipment

The **HCPL-200** enables shared Internet access by assigning a local IP address to devices connected on the LAN side and translating these local address to your external IP address on the WAN (ISP's side). The built-in firewall controls the access from the WAN to the LAN and thereby protects your equipment from intrusion programs coming through the Internet.

The **HCPL-200** provides: two type of interface :

- WAN (Ethernet): Connection to you Internet Service Provider
- LAN x2 (Ethernet): Connection to equipment in your local network using standards network cables

The HCPL-200 takes part in PLC global architecture by providing all needed configuration to each PLC equipment and by allowing local, remote management and update. The **embedded Network Management System (NMS)** is a Powerful network management software tool that allows, the operator to configure, monitor powerline devices across their entire network.

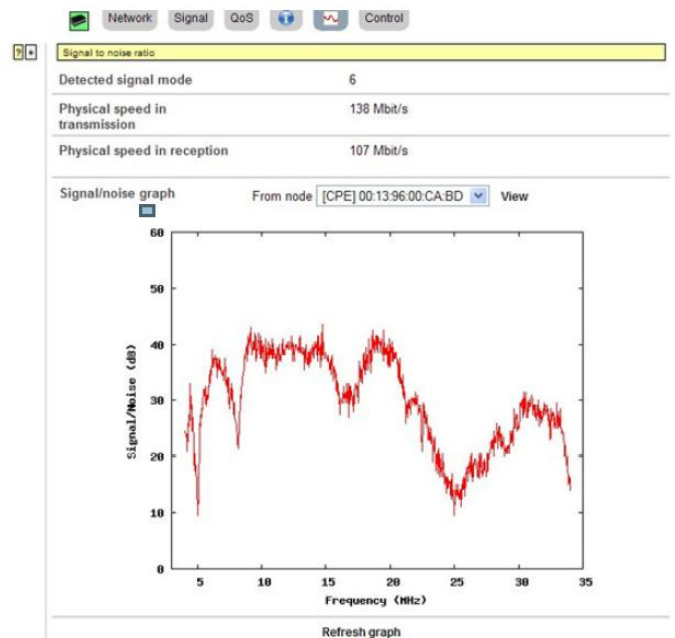
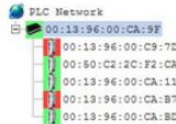
The **NMS** is based on **SNMP** (Simple Network Management Protocol) and include all configuration servers needed.

The management is independent from any hardware configuration.

The **NMS** offers also easy to use and **intuitive graphical interfaces** for all networking utilities and enables an easy and effective installation of DS2's 200Mbps powerline equipment.

Operator's network administrator can **change all device settings remotely** and is able to create secure networks for user groups.

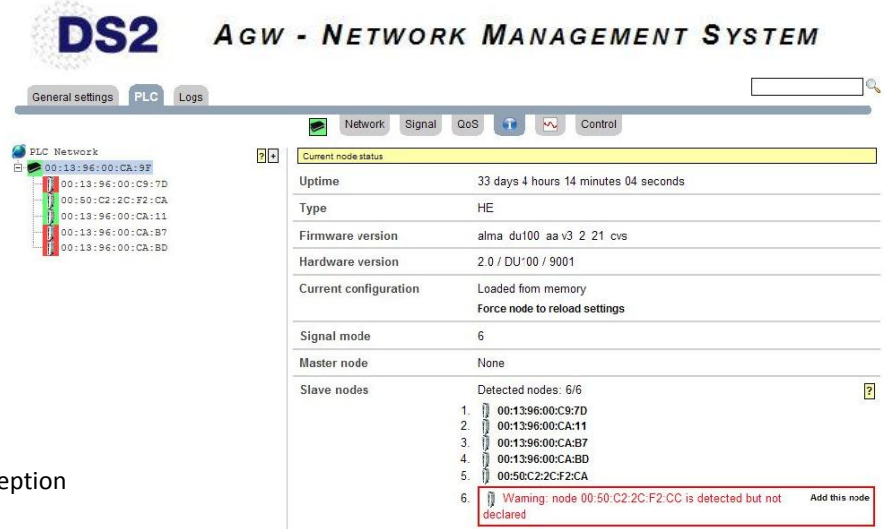
The access to all NMS features is protected by an administrator password. The bandwidth limitation and priority management are remotely manageable as all specific PLC configuration.





## Software Features

- Multi language
- Update systems function
- Router configuration (DHCP, NAT, Firewall, NTP)
- LAN configuration
- DHCP Server
- PLC architecture configuration
- PLC device settings (type, IP address)
- PLC device authentication
- VLAN
- OVLAN
- Working frequencies management
- Gain control
- Configuration of attenuated band
- Bandwidth limitation
- Priority management (latency, CoS)
- Real Time PLC network status
- Undeclared device detection
- Signal to Noise Ratio graph
- Physical speed in transmission and in reception
- VoIP H323 configuration
- FTP and DHCP servers logs



## Technical Specifications

Hardware Specification	
Dimensions (mm)	166 x 198 x 92 mm
Weight	405 g
Electric	12VDC -3A
Ambient operating temperature Min-Max	0°C – 40°C
Interface	RJ-45 x 1 for WAN RJ-45 x 2 for LAN
LED	Power/WAN/LAN1/LAN2
CPU	Intel IXP420/266MHz
Memory	16M flash, 64M SDRAM

: Software Specification	
Protocol support	NAT, ARP, HTTP, TCP/IP, UDP, DDNS client, DHCP, Web browser, Static routing, uPnP
Security	Administrator password
OS support	Linux
Management	Web-based management