

# G3-PLC Gateway (CG-200)

Universally connects from  
G3-PLC smart meter devices

G3-PLC open standard mesh  
technology

Three-phase power (PLC  
across all 3 phases)

Effortless automatic  
installation and configuration

Plug and play to easily add and  
remove devices.

No additional wiring required

Automatically stores data in  
multiple formats

User defined data collection  
schedule

Data transferred to multiple  
end-points at selectable time

Advanced network security  
across all channels

Integrated Compact Design



## APPLICATIONS

Add smart and secure  
communication capabilities to  
your Internet of Things (IoT)  
Infrastructure

Problem detection and  
diagnosis through simple  
web-based interface

Individual readings of  
residential and commercial units



## GATEWAY FEATURES



TCP / IP and UDP / IP

SNMP for network monitoring

Fixed IP addressing or dynamic (DHCP) addressing supported

Web-based configuration

Auto-search/Auto-detect of meters with list generation

Remote Firmware update

Configurable data storage, logging and transport

Direct Connect Web: Simple web app to configure and service smart meters

## SPECIFICATIONS



Communication interface for the integration of end devices

Supply voltage: 120/240v Three Phase Voltage Input

Ethernet 1000Mbps

Automatically collects and stores data at configurable times

Collected data is transferred via secure FTP (SFTP)



## PLC FEATURES

Fully G3-PLC compliant

Powerful mesh technology covers entire building

Compatible with all Lynked nodes

Overcurrent and short-circuit protection

OFDM-based PHY (BPSK, QPSK, 8PSK) makes efficient use of the spectrum

Two layers of forward error correction (FEC) for robust data communication in harsh channels

Adaptive tone mapping for optimal bandwidth utilization



## SECURITY

Network Encryption for data in motion (AES Encryption)

Password protected authentication control

RSA and DSA cryptographic key based access

