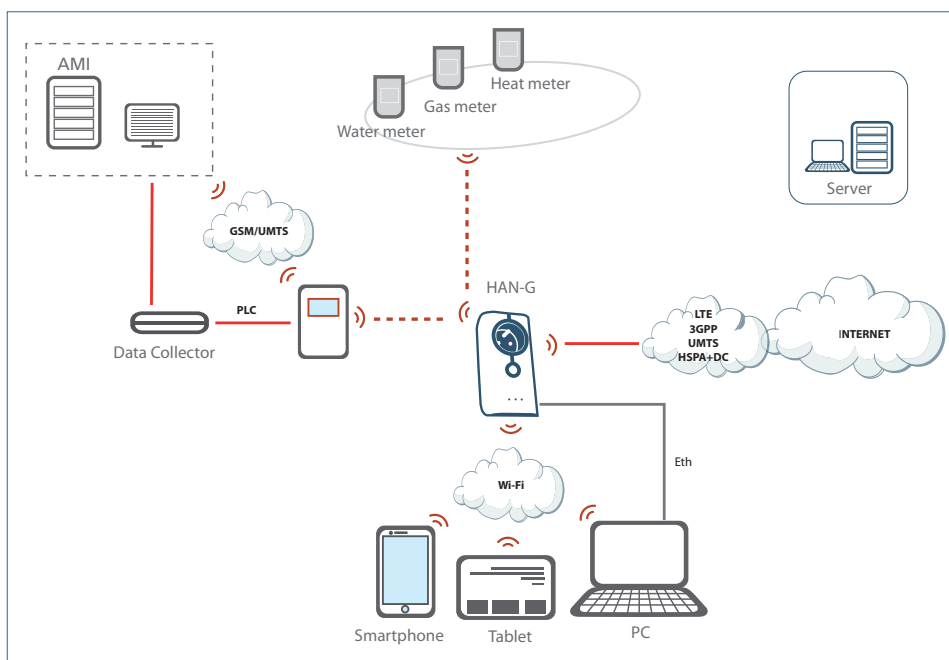# DGT HAN-G

Home Area Network Gateway

DGT HAN-G – (Home Area Network Gateway) is a home gateway that provides communication among devices belonging to the Home Infrastructure Network and Internet access.

Using this device enables end user for the real management of the power consumption in their homes.

DGT HAN-G reads counter data (Wireless M-Bus) and presents it to the user via a wireless network LAN and smartphone application.

The user can also allow the device to send collected meter data for a remote service server, which processes them, makes it available to the user and controls home electrical appliances, depending e.g. on the tariff.

The data collected by DGT HAN-G is presented in a friendly way using graphical charts. The device allows service providers building advanced services for managing the user's Home Infrastructure.

DGT HAN-G summary:

- Reads the various utility meters (water, electricity, gas) with use of wireless MBUS interface,
- Gives a customer the access to the collected utility meters data by:
  o Wireless local network (WiFi) and the smartphone application or www
  o Service Provider's server and Internet,
- Gives the customer Internet access, with LTE speed can reach 100 MBps,
- Mounted directly to the power supply socket 230VAC,

- Allows for connecting other home devices to the 230V mains socket, placed on the housing.

Specyfikacja techniczna

WAN

- GSM / GPRS / EDGE: 900/1800 MHz
- UMTS(WCDMA): 900/1800/2100 MHz, FDDBand (8,3,1)
- LTE: 800/900/1800/2600 MHz, FDD-Band (20,8,3,7)
- LTE Cat. 3
  DL: max. 100 Mbps,
  UL: max. 50 Mbps,
  2x2 DL MIMO
- HSPA+ DL Cat.24 / UL Cat. 6, Dual Carrier
  DL: max. 42 Mbps,
  UL: max. 5.76 Mbps
- HSPA DL Cat.8/ UL Cat. 6,
  DL: max. 7.2 Mbps,
  UL: max. 5.76 Mbps
- UMTS
  DL: max. 384 kbps,
  UL: max. 384 kbps
  EDGE Class 12 data rates
  DL: max. 237 kbps,
  UL: max. 237 kbps
- GPRS Class 12 data rates
  DL: max. 85.6 kbps,
  UL: max. 85.6 kbps

SIM/R-UIM Interface:

- SIM/R-UIM card

Wireless M-BUS

- compliant with the EN13757 part 4 and part 5
- 868 MHz
- Tx power up to 25m

WLAN

- 802.11 bgn

LAN

- Fast Ethernet

LED indicators

- Device status,
- WWAN transmission,
- WMbus transmission,
- WLAN transmission

Other

- 160x74x73 mm
- Plug socket mounted
- IP 20
- Operating temperature: 0° C. +60° C
- Supply voltage 230VAC,
- 2 SMA antenna female connectors for WWAN and WirelessM-BUS

www.dgt.pl