Technical Datasheet

Guru Hub II

The Guru Hub II is a utilities management device installed in every dwelling, in every block and in the plant room of a heat network. Data from the meters is passed over an 868 MHz wireless mesh network, so it keeps working in areas where SIM cards cannot get a signal. Its touch screen in home display shows the credit balance, real time demand, tariff information, consumption graphs, custom messages from the utility and CO2 emissions. It is meter, valve and heat interface unit agnostic, suits both retrofit and new build projects, and supports an open API so billing and metering providers can be changed without changing the infrastructure.

Features:

- 5 inch RGB touch screen in home display
- 868 MHz wireless mesh communication
- Inputs for MBus, pulse and PT1000
- Two relay outputs, 3 A normally open and 3 A normally closed
- Open API, works with a range of metering and billing services
- Suitable for retrofit and new build projects
- Meter, valve and heat interface unit agnostic
- Option for a recessed fitting kit



Managed Services

Meter Data Management

Billing Solutions

PAYG Management

Online Account Management

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Technical Datasheet
Guru Hub II

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Part Codes	
GU010PP	Guru Hub II, Dwelling Hubs
GU011PP	Guru Hub II, Block Level Hubs
GU012PP	Guru Hub II, Plantroom Hub
GU013PP	Guru Hub II, Recessed Wall Mount Kit
GU027PP	Guru Hub II Base Unit Only
GU028PP	Guru Hub II Top Unit Only
GU014PP	Router Draytek 2862, pre configured
GU015PP	Digi ConnectPort X4 868 Gateway
GU016PP	IP Power Switch
GU017PP	Repeater for 868 MHz network
GU018PP	Secure Data Cabinet (Large)
GU019PP	Secure Data Cabinet (Small)
GU020PP	Network Switch (5, 8 or 16 port)
GU007PP	Onsite survey and RF network design, first block
GU009PP	Onsite survey and RF network design, additional
GU008PP	Guru Hub commissioning
GU022PP	Project management site delivery fee

Technical Specification	
Construction	
Front plate	Touch screen display and radio. Holds the hub firmware and certificate, and can be swapped or returned to Guru to be reflashed
Base unit	Mains supply and relay outputs. Has a mains present LED and a mains cover plate fixed with the screws supplied
Mechanics	
Approximate dimensions (w x h x d)	175 x 110 x 46 mm
Display type	5 inch RGB TFT with capacitive touch
Electrical	
Power consumption	Under 2 W average, excluding load on relays
Power supply	230 VAC 50 Hz
Relay rating	3 A (normally open), 3 A (normally closed)
Communications	
Radio	868 MHz RF
Inputs	MBus, pulse, PT1000
Environment	
Operating temperature	0 to 40 °C
Storage temperature	Minus 5 to plus 50 °C
Operating humidity	5 to 90 % RH
Product life	More than 10 years

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