GW30

GPRS Gateway

GW30 provides transparent gateway communication between **RF** or **RS-485** (configurable) to up to **100** connected meters and a compatible head-end system. Integration **GPRS** functionality provide the unit with reliable backhaul communications, while local area connectivity is established via RS-485. Designed and optimised for DIN rail installations.

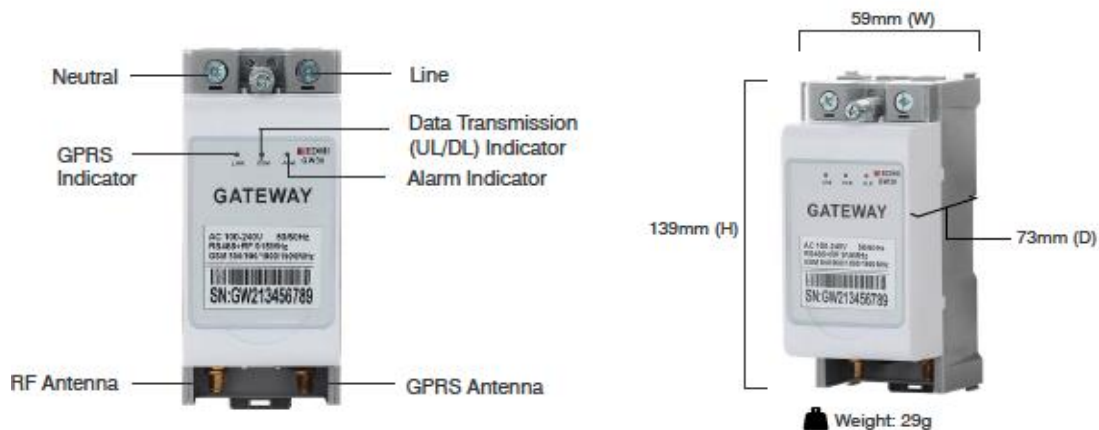| Heartbeat Mechanism | RF Communication | Password Protection | Remote Upgradable |

GW30

Main Functionalities:

Standards & Compliance	▪ IEC 62052-11 ▪ CE Compliant
Frequency Bands	▪ WAN: GPRS (850/900/1800/1900MHz) ▪ NAN*: RF (433MHz and 915MHz), RS-485 2-wire
Data	▪ GPRS: UL 85.6kbps, DL 107kbps ▪ RF 433MHz and 915MHz: 19.2kbps to 38.4kbps
RF Power	▪ Class 4 GPRS 850/900 MHz (2W) ▪ Class 1 GPRS 1800/1900 MHz (1W) ▪ RF 433MHz and 915MHz (50mW)
Coverage Range	▪ RS-485: Up to 17 nodes ▪ RF 433MHz and 915MHz: up to 100m
Electrical	▪ Operating voltage: 100V to 240V ▪ Voltage circuit: 10VA, <2W
Interface	▪ Antenna: RF and GPRS (SMA female connector) ▪ RS-485 2-wire interface ▪ LED status indicator ▪ Mini SIM (2FF): 3V/1.8V
Module	▪ Cellular: SIM800C ▪ Wireless: MSi4463 (433MHz and 915MHz)
Environmental	▪ Specified operating range: -25˚C to +55˚C ▪ Operating range limit: -40˚C to +70˚C ▪ Storage range limit: -30˚C to +80˚C ▪ Relative humidity: < 95% non-condensing ▪ Ingress protection: IP54

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