

GW30

GPRS Gateway



Powering the Future with Precision and Control

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.



COMMUNICATIONS



Heartbeat
Mechanism



RF
Communication



Password
Protection

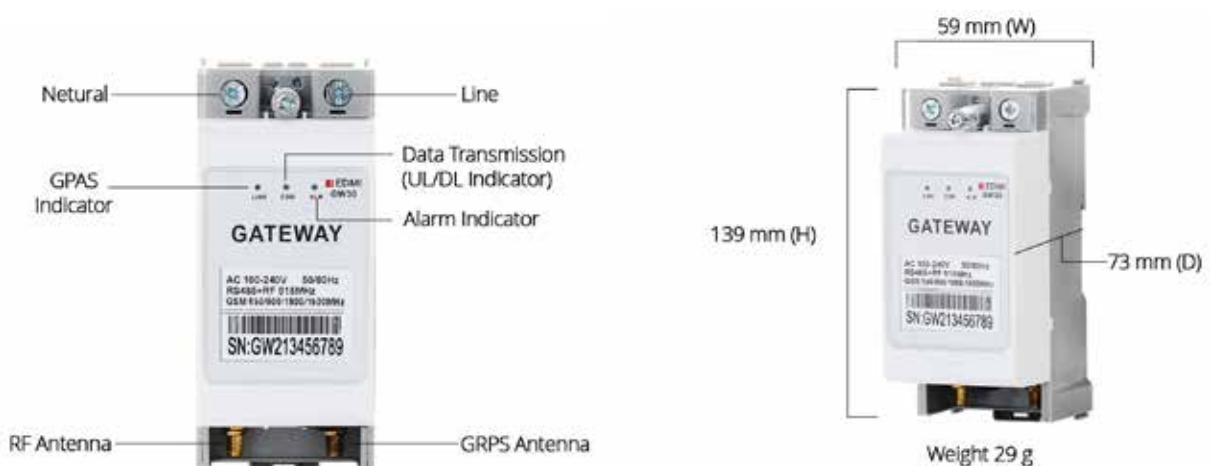


Remote
Upgradable



Main Functionalities

Standards & Compliance	<ul style="list-style-type: none">• IEC 62052-11• CE Compliant
Frequency Bands	<ul style="list-style-type: none">• WAN: GPRS (850/900/1800/1900MHz)• NAN*: RF (433MHz and 915MHz), RS-485 2-wire
Data	<ul style="list-style-type: none">• GPRS: UL 85.6kbps, DL 107kbps• RF 433MHz and 915MHz: 19.2kbps to 38.4kbps
RF Power	<ul style="list-style-type: none">• Class 4 GPRS 850/900 MHz (2W)• Class 1 GPRS 1800/1900 MHz (1W)• RF 433MHz and 915MHz (50mW)
Coverage Range	<ul style="list-style-type: none">• RS-485: Up to 17 nodes• RF 433MHz and 915MHz: up to 100m
Electrical	<ul style="list-style-type: none">• Operating voltage: 100V to 240V• Voltage circuit: 10VA, <2W
Interface	<ul style="list-style-type: none">• Antenna: RF and GPRS (SMA female connector)• RS-485 2-wire interface• LED status indicator• Mini SIM (2FF): 3V/1.8V
Module	<ul style="list-style-type: none">• Cellular: SIM800C• Wireless: MSi4463 (433MHz and 915MHz)
Environmental	<ul style="list-style-type: none">• 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



EDMP

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