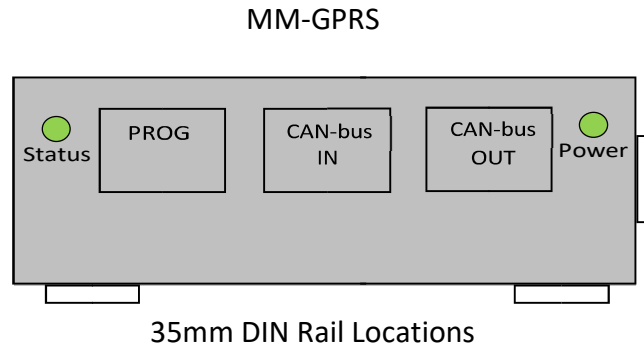


Meter-Macs GPRS Data Hub MM-GPRS



Overview

The Meter-Macs GPRS HUB, MM-GPRS, is used to transports system data message packets between a remote central server and local wired CAN interface.



Each MM-GPRS is supplied preloaded with a roaming SIM and configured to automatically connect to the remote Meter-Macs host.

Connectivity

CAN-bus IN: RJ45 Socket
 CAN-bus OUT: RJ45 Socket - connect to next device in chain
 Antenna: SMA Female
 PROG: RJ45 Socket for firmware update



RJ45 Pin Number	Function	Cable Wire (Pair / Conductor)
1	Ground 0V	1/1
2	Ground 0V	1/2
3	Ground 0V	2/1
4	CAN differential L	3/1
5	CAN differential H	3/2
6	CAN IN / CAN OUT	2/1
7	Power +12V	4/1
8	Power +12V	4/2

Indication

Power: Solid Green LED
 Status: Green LED, flashing indicates linking progress, solid when connected

Electrical

Power:	12V DC nominal via CAN RJ45 pins 1,2,3 (0V) & 7, 8 (+12V)
CAN:	Propriety Local Hub or Area Network modes, range 200m
GSM/GPRS:	Quad band GSM 850, EGSM 900, DCS 1800, PCS 1900 Class 4 (2W) GSM 850 and EGSM 900 Class 1 (1W) DCS 1800 and PCS 1900

Mechanical

Dimensions:	40mm(h) x 100(l) x 90mm(d) Excluding cable entry
Mounting:	35mm DIN rail clips mount horizontal or vertical