

# ETS – Retrofit Energy Meter

## Technical Specification:

Protocol:	LoRaWAN Class A and Class C
Modulation:	LoRa *
Frequency:	865 to 867MHz
Channels:	8 (Configurable)
Power:	14dBm
Receiver Sensitivity(dBm):	-140
Activation Method:	Activation by personalisation (ABP)/OTAA
Spreading Factor:	7 to 12 (ADR always ON and not configurable)
Range:	2Kms **
Temperature Range:	10-70 degree Celsius
Dimension:	60 X 45 X 30mm
Time Interval:	1 min (Configurable)
Input Power:	AC 230V
Other Communication:	RS232 between End-node and ETS-Retrofit Meter.



### Note:

\* LoRa modulation is configurable based on local ISM band specifications for the region.

\*\* The range may vary subject to environmental conditions e.g RF interference, humidity.