

Thermit ApS

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GSM Gateway data specification



Main module
 Gateway for data
 upload to cloud servers

EAN 5712860220010
 Wi-Fi Gateway module
 HS Code 8517.62.00.00

Description	Technical data
Comm. frequency with sensors	433.92 MHz (ISM)
ISM Sensitivity	-108 dbm
GSM com. Band	GSM Quad band 2G
Power supply	12V/1.6 amp.
Operating temp.	-20°C to +70°C
Storage capacity	Max. 32 Sensors
Relative Humidity	Max 80% (noncondensing)
Dimensions	98 mm X 64 mm x 94 mm (Without antenna)
Weight	200 grams
IP Rating	IP 67 Waterproof
Interval to server	Default 60 min. (Range from 5 min. to 240 min.)

Functionality

The GSM gateway module is online to GSM tele network M2M. LED lamp will blink red every second after connection to the tele network. The APN will default be "internet."

Then the module is listening on the 433,92Mzh band, and it will catch and save signals from Thermit sensors in the radius within 20 to 30 m in diameter. It saves last received data from sensors, before uploading to the cloud servers.