

TherMIT ApS

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WiFi Gateway data specification



Main module
Gateway for data
upload to cloud servers

EAN 5712860220010
WiFi Gateway module
HS Code 8517.62.00.00

Description	Technical data
Radio	Wi-Fi 2.4GHz 802.22 b/g/n
Security	WEP, WPA, WPA2 Personal
RF Output power	801.11b 16.5dBm +/-1.5dBm 801.11b 14.0dBm +/-1.5dBm 801.11b 12.75dBm +/-1.5dBm
Sensitivity	Wi-Fi: -97dBm typical sensitivity @ 1Mbps ISM: -108 dBm
Power Supply	AC 230/240V Inlet – Outlet 7 - 12V / 1A
Storage capacity	Max. limit more than 200
Operating temp.	-20°C to +70°C
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 Wi-Fi gateway module is online to local Wi-Fi network or hotspot when the LED lamp is green. After connection the LED will flash blue once per sec.

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.