



Micro Thermo Technologies™ Bridge Datasheet

Micro Thermo Technologies Energy Solutions monitors an organizations' energy consumption at the individual circuit level. The solution detects energy usage via wireless sensors that are attached to the circuits, allowing organizations to identify and reduce energy consumption and maintenance expenses. The MTT bridge delivers energy information from the sensors every 10 seconds and routes it the solution's cloud-based, asset-level reporting tool.



Specifications	μBridge
Physical dimensions (without antennas)	111 x 87 x 35 mm 4.4 x 3.4 x 1.4 inch
Weight (with antennas)	150 gr 0.33 lb
Power supply	Input: 100-240V AC, 50-60HZ Output: 5V DC
Current consumption	1A max
Sensor receiver frequency	915 MHz (US version) 434 MHz (EU version)
Sensor reception sensitivity	-105dbm
Wi-Fi protocol	802.11 b/g
Wi-Fi security protocol	WEP64, WEP128, WPA, WPA2
Safety and EMC certification	USA & Canada Safety: UL-60950-1, CSA-C22.2 (ETL listed*) EMC: FCC Part 15 subpart B, ICES-003 Europe Safety: EN-60950-1 (CE) EMC: EN-ETSI 301489-1, 301489-3, 301489-17, 55022, 55024 Radio: EN-ETSI 300220-1, 300220-2
Flammability rating of external enclosure	UL94 V-0
Operating temperature	0-60° C
Storage temperature	-20-70° C

*Pending

Key Features

- Plug-and-play installation
- Flexible mounting options
- Includes internal backup storage in case of network outage
- Utilizes existing Wi-Fi / Ethernet network
- Supports connection via cellular USB dongle (not included)
- Supports up to 200 sensors



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