

ORTOMAT-MTC

MIKC-IR-4G (multi transmitter correlation)

Technical Datasheet

Data Logger

Weight:	11.65 oz (0.33 kg)
Dimensions:	ø 1.71 x 4.85 inches (43.4×123mm) without antenna
Housing:	Stainless steel
Protection class:	IP 68
Temperature range:	-4° to 140° F (– 20° to 60°C)
Power supply:	4×1.5V Energizer Ultimate Lithium L91 (AA lithium primary cells; exchangeable)
Battery lifetime:	4 years (depending on configuration)
Radio technology:	
4G version (EMEA & Others)	4G (LTE Cat 1) 6-band (B1 / B3 / B7 / B8 / B20 / B28A) 3G (UMTS / HSPA+) 2-band (B1 / B8) 2G (GPRS / EDGE) 2-band (900 / 1800MHz)
4G version (North America)	4G (LTE Cat 1) 5-band (B2 / B4 / B5 / B12 / B13) 3G (UMTS / HSPA+) 3-band (B2 / B4 / B5)
LTE-M / NB-IoT version (Global)	LTE-M (LTE Cat M1) 17-band (B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/ B25/B26/B27/B28/B66/B85) NB-IoT (LTE Cat NB2) 16-band (B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/ B25/B28/B66/B71/B85) 2G (GSM / EDGE) 4-band (850 / 900 / 1800 / 1900 MHz)
SIM-Card format:	Micro-SIM 3FF (SIM-Card-Version only)
Antenna connector:	SMAf for 2G-/ 3G-/ 4G-antenna
Data reading:	Data logger -> Mobile network -> Server -> HYDROPORT
Data memory:	Last 2450 measuring points (ring buffer) and 56s audio recording with 8Bit resolution (standard setting) or 28s audio recording with 12Bit resolution
Parameter setting:	PC application via IrDA-Interface or remote OTA (Over-The-Air)
Data transfer rate:	IrDA-Interface (19200 Baud)
Leak detection:	Noise level measurement, noise curve analysis (permanent), correlation

Sensor

Sensor type: Sensor technology: Sensor contacting:

vonRoll hydro VIBROPHON Logger

vonRoll hydro piezo technology for noise detection Magnet $\varnothing$ 1 inch (25 mm) /NdFeB /F
= 160 N



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