SUMS+

XM LITE
Data Logger

Product information

The SUMS XM LITE Data Logger is a compact, dual-channel monitoring device that can be attached to any utility meter with a pulse output.

Usage is monitored over 15-minute intervals and uploaded to the SUMS+ Portal in user-defined periods for further analysis.

Powered by a long-life (7-10 years) Lithium battery, the logger operates on LTE Cat-M1 and NB-IoT wireless bands.

The SUMS XM LITE supports LwM2M and MQTT communication protocols for remote device management.

Setup of the logger is via NFC using a mobile configuration app tool.

Like all SUMS Data Loggers, this device is easy to install in almost any environment and sends data in near real-time!

LONGEVITY & FLEXIBILITY

XM LITE Data Logger technical features

Model	SUMS XM LITE
LPWAN Networks	NB-IoT, LTE-Cat_M1
Frequency Bands	NB-IoT B1, B2, B3, B4, B5, B12, B13, B17, B19, B20, B25, B26, B28, B66 LTE-Cat-M1 B1, B2, B3, B4, B5, B12, B13, B14, B18, B19, B20, B25, B26, B28, B66
Protocols	LWM2M 1.1, MQTTS
Battery	Dual Battery Pack Capacity: 8000 mAh
Battery Life	For 1 reading per hour and 1 transmission per hour (24 messages per day), 500 pulses >15 years on NB-IoT >15 years on LTE-M
Pulse Input(s)	1 or 2 Channels <50Hz SO, Dry Contact, Open Collector, Reed Switch
Configuration	Setup via NFC, using the mobile application: "IoT Configurator NBIoT/ LTE-M" on Android/iOS, or remotely.
Firmware	Application firmware and remote modem firmware upgrade (FOTA)
Dimensions	163g 200x63.5x34mm
Operating Range	-25 to 70oC 0 to 85% RH (non condensing)