

EMOT 200 LH – Line powered gateway transceiver for outdoor application.

EMOT 200 LH communicates with multiple EMOS 200 LH Sensors, gathers data and forwards them real time via USB interface to connected devices.

EMOT 200 LH is provided with very robust outdoor enclosure with operation of typical minimum 10 years in raw outdoor conditions. Housing consists of solid aluminium and connectors are made of laminated brass.

EMOT 200 LH is powered via its M16 connector. The connector is highly durable and resistant. With an ESA-U 200 cable (M16 to USB) it is simply to connect it to a PC or other device with an USB interface.

EMOT 200LH uses the ultra-narrow band technology to communicate with EMOS 200 LH Sensors placed in the field. Radio mechanism enables transmission ranges of 5 km and more.



EMOT 200LH enables communication and configuration via the integrated M16 connector

Typical applications of EMOT 200 LH

- Gateway for EMOS 200 LH sensors
- Standalone logger
- Signal repeater of EMOS 200 LH

EMOT 200LH includes the EMOT 200L module

TYPE
EMOT 200LH

ORDERING CODE
S3063-0201

Features overview

Antenna	External waterproof, SMA connector
Approved Antennas	High gain antenna (+10 db) / Passive antennas (+3 db)
Radio Standard	Sub 1 GHz Ultra Narrow band
Radio Range	Typ. 5 km
Enclosure	IP 66, IP 67, high durable, with pressure compensation element
Connection cable	ESA-U 200
Host Connector	1 x M16 (12 + 3 pins)
Transmit Power (typ, at 25°C)	+13 dBm
Power Supply	3,3 V via host interface
Operating Temperature	-25°C ... 65°C

