

USM-D64

Hub of LEO-D ePaper System



Features

- Sub-1GHz wireless communication
- Transmission range up to 100 meters
- 1000 LEO-D tags connected ability

Introduction

The USM-D64 hub module is the interface device between the USM-D62 gateway and LEO-D tags that together form the LEO-D ePaper System. Communication with the USM-D62 gateway and LEO-D tags is via a unique wireless protocol (Proprietary Sub-1GHz ISM band), turned to optimize power consumption and network efficiency.

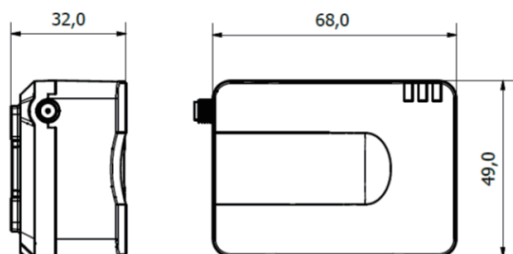
Specifications

Interface	Wireless
Protocol	Proprietary Sub-1GHz ISM band
Frequency	868 MHz or 915 MHz
LED indicator	Green (power), Blue (network), Red (Error)
Transmission Range	100 meters (328 ft) line of sight
Connected Quantity	1000 LEO-D tags
Power Supply	DC 5V1A mini USB
Dimensions	68.5 x 49 x 33 mm (2.7 x 1.93 x 1.3 in) excluding antenna
Weight	60 g (0.132 lb)
Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)
Certifications	CE, FCC, NCC, TELEC, BSMI

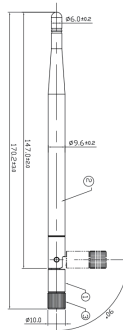
Dimensions

Unit: mm

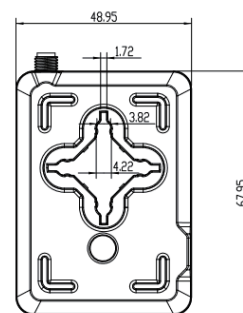
USM-D64



Antenna



Wall Mounting



Ordering Information

Part Number	Type	Frequency	Region
USM-D64-E80	Gateway	868 MHz	Europe
USM-D64-N90	Gateway	915 MHz	US/Japan/China/Taiwan

Mouser Electronics

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