



Features



- EU, US supported
 - LoRaWAN 1.0.3
 - WiFi backhaul
 - Wall-type plug with multiple plug options
 - Power input: Wall plug type / USB type C port
 - 802.11 b/g/n, Client Mode
 - Cost-effective
 - Quick set-up
 - Compact design for mobile application
 - Built-in LoRa & WiFi antenna
 - ESP32-D0WD by Espressif Systems
 - FreeRTOS support with AWS Qualification
- Another optional firmware supports Packet Forwarder and Basic Station, which can TTN/ChirpStack LNS. Please contact us for more details.

The Minihub Pro is designed to enable connection to the AWS IoT Core. It is also a low-cost LoRaWAN compliant gateway utilizing a WiFi backhaul. It is a wall-plug type with interchangeable plug options. The gateway also includes a USB-C charging port that making it ideal for mobile applications or to enlarge signal coverage.

Specification

LoRa	
Chipset	Semtech SX1308
Channels	8 Channels
Receive Sensitivity	-140/-135 dBm (EU/US)
Wi-Fi	
Mode	802.11 b/g/n, Client Mode
Tx Power	+20 dBm
Frequency Bands	2.4 GHz
WAN/LAN ports	Not Available
USB Port	USB Type-C (900mA)
Security	WPA/WPA2
Dimensions	90x80x40mm
Weight	200g
Operating Temperature	0-40°C
Type Approval	CE/FCC/IC/RCM/WPC/RoHS

SKU Details

SKU	Country	Channels	Frequency Band (MHz)	With AWS Qualified FreeRTOS
TBMH110868	Europe	8	EU868 (862~870)	
TBMH110915	USA	8	US915 (902~928)	
TBMH110868A	Europe	8	EU868 (862~870)	V
TBMH110915A	USA	8	US915 (902~928)	V