

Item no.: 384957

TUBE-AH (EU)/EU - IEEE 802.11ah 863-868MHz outdoor AP/CPE with single Fast Ethernet and PoE support

from **161,18 EUR**

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shipping weight: 0.40 kg
Manufacturer: ALFA Network



Product Description

Tube-AH IEEE 802.11ah sub 1 GHz outdoor AP/CPE with single Fast Ethernet and PoE support- (1) NXP™ i.MX 6ULL SOC (ARM™ Cortex-A7, 528 MHz) equipped with 256 MB of DDR3L RAM- (2) Newracom™ NRC7292 WiFi HaLow™ SOC (IEEE 802.11ah draft 8.0 compliant)- (3) 32 MB of SPI NOR flash (optional 2/4/8 GB eMMC)- (4) Ethernet with passive PoE and ESD protection (with support for optional 802.3at/af module)- (5) Type-N antenna connector- (6) 4x LED Tube-AH is the world's first WiFi HaLow™ outdoor AP/CPE with PoE The Tube-AH outdoor series allows building long range, ultra-low power WiFi networks in sub 1 GHz license-exempt bands, utilizing compact, mast mounted enclosure. With powerful ARM Cortex-A7 based SOC clocked at 528 MHz, official OpenWrt and U-Boot support, up to 15 Mbps data throughput and complete SDK for the HaLow™ radio SOC, getting started with this new WiFi standard is straightforward.- Chipset NXP .MX GULL (MCIMX6Y1CVM05AB) Newracom™ NRC7292- RAM 256 MB of DDR3L- Flash/ storage 32 MB of QSPINOR flash Optional 2/4/8 GB eMMC- Ethernet 1x Fast Ethernet with ESD protection- Frequency 847 MHz (TW) 866 MHz (EU) 915 MHz (US) 922 MHz (KR) 924 MHz (JP)- Modulation OFDM with BPSK, QPSK, 16QAM, 64QAM- Data rate 150 Kbps-15 Mbps- Channel bandwidth 1/2/4 MHz- Antenna connector 1x Type-N- Button 1x push button (reset)- LED 1x power/status 1x LAN activity 1x WLAN TX 1x WLAN RX- Power supply Passive PoE (12-36 V DC) input Support for optional 802.3at/af standard module- Software Officially supported in OpenWrt (Linux Kernel 5.10+) and U-Boot 2021.x Newracom SDK available at <https://github.com/newracom/>- Operating humidity TBA- Operating temperature TBA

Specifications

Scan this QR code to
view the product
All details, up-to-date
prices and availability

