hypha
MESH : LITE

For vehicle mounting, deployable kits or set-up in buildings.

- ✓ Ideal for dynamic deployments, with a lightweight and small form factor that has low power consumption requirements. Housing for drones available on request.

- ✓ Extend your internet gateway when connected to the HyphaMESH network with Wi-Fi and GPS.

- ✓ Simple to use – no end user input needed – with external connectors for 4.9 GHz, Wi-Fi and GPS antennas.

- ✓ LED indicator for mesh network connectivity.

Specifications

FORM FACTOR	Fixed / Portable / Vehicle
OPERATING FREQUENCY (GHZ) (Other frequencies available)	Programmable 4.8 > 5.0
BANDWIDTH (MHZ)	1.25 / 2.5 / 5 / 10
DATA RATE (MBPS)	Up to 56*
TRANSMIT POWER	2 x 500 mW or 2 x 1 W
RECEIVE SENSITIVITY	< -100 dBm @ 5 MHz
POWER SUPPLY	10 – 32 V DC
POWER CONSUMPTION	5 W (Standby), 25 W (Max)
ETHERNET	10/100 Mbps
WI-FI	2.4 GHz
ENCRYPTION	AES 128/256
RF INTERFACE	2 x SMA (Tx/Rx), 1 x SMA (GPS), 1 x RP SMA (Wi-Fi)
GPS	External (SMA)
AUDIO	AMR 4.8 kbps
CONTROL	Ethernet & OTA
I/O	2 x Ethernet
WEIGHT	450 g
DIMENSIONS (MM)	140 × 95 × 45
IP RATING	IP44
OPERATING TEMP (ºC)	–30 to 55
ADVANCED FEATURES*	• Up to 128 nodes in a network • Mimo mode • STDMA mode • Smart auto mode (anti-jamming)

* Licensable feature

How Hypha works

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Voice and Data Beyond Networks