hypha
M.E.S.H. :GO

For handheld use and portability on the front line or in harsh environments.

GOOD DESIGN AWARD® WINNER

✓ Lightweight, portable device that allows you to connect to smart devices, sensors and cameras anytime, anywhere.

✓ Simple to use and portable – can be clipped to a belt or slipped in a pocket, with one-button operation.

✓ IP67 rated for challenging environments, plus a hot-swappable battery that lasts 12 hours for no loss of connectivity.

✓ LED indicator for signal strength and battery level.

Specifications

FORM FACTOR	Handheld / Wearable
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
RECEIVE SENSITIVITY	< -100 dBm @ 5MHz
POWER SUPPLY	Battery, 7 V (7-14.5 V DC)
POWER CONSUMPTION	4.6 W (Max), 12-hour runtime
ETHERNET	10 / 100 Mbps
WI-FI	2.4 GHz
ENCRYPTION	AES 128 / 256
RF INTERFACE	2 x SMA (Tx/Rx)
GPS	Internal
AUDIO	AMR 4.8 kbps
CONTROL	Ethernet & OTA, On/Off Button
WEIGHT	450 g (with battery)
DIMENSIONS (MM)	170 × 90 × 45
IP RATING	IP67
OPERATING TEMP (°C)	–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