

**Connectivity  
without limits.**



**hypha  
ONE  
mini**

**Vehicle-as-a-Node technology.**

HyphaONE Mini turns any vehicle or vessel into a high-performance mobile network, keeping your team connected, wherever it operates.

**Ultra-compact satellite technology.**

HyphaOne Mini uses an integrated Starlink Mini panel, designed for maximum efficiency. Equip more frontline personnel with high-speed data and stay connected even when space and power

**Connectivity.  
Visibility.  
Mobility.**



Ready for  
**rapid deployment**



Reliable connectivity in  
**extreme environments**



Strengthening disaster  
**recovery efforts**



Effective coordination  
**between command centres  
and field teams**



**Leverage resilient COFDM  
mesh capability** to extend  
VaaN beyond the vehicle



**up to 200Mbps**



**33 – 48W**



**110° field of view**



Voice and Data **Beyond** Networks

# Specifications



## POWER

*Internal DC/DC ensures stable operation*

### Operating voltage

10 – 30V DC

### Power consumption

33-48W (typical)

80W (maximum)



## ENVIRONMENTAL

### Operating temperature range

-30°C to 50°C (Up to 70°C but Starlink thermally throttled)

### Ingress protection rating

IP69



## PHYSICAL

### Dimensions

338mm(L) x 358mm(W) x 120mm(H)

### Weight

4.7kg

### Mounting method

4x M8 threads into housing

### Base plate material

Aluminium base with fins (Passively cooled)

### Radome material

Injection moulded plastic



## NETWORKING

### Maximum internet throughput

Up to 200 Mbps

### Supported cellular bands

- 617Mhz – 6Ghz (4G + 5G)
- Available with radio modules for US, APAC and Global

### WiFi frequency bands

- 2.4Ghz / 5.8Ghz
- WiFi 5 and WiFi 6 options (Dual MIMO configuration)

### Network interfaces

1x Gigabit Ethernet with IP69 shroud – fits any RJ45 cable

### Accessories

- Mag Mount Kit
- Wiring Kits



## PEPLINK

### Br1 Mini 5G – Entry-level

- 5G + WiFi 5
- Peplink SD WAN
- Advanced SpeedFusion options

### BRI Pro (5GK)

- 5G and WiFi 6 and Edge Compute Capable
- Application aware routing
- Ideal for up to 100 devices
- Peplink SD WAN
- Advanced SpeedFusion options



## hypha MESH

### Waveform

COFDM

### Supported frequencies

L, S & C band

### RF Output

500mW / 1-Watt

### Encryption

AES 128 / 256

### Bandwidth

1.25Mhz / 2.5Mhz / 5Mhz / 10Mhz

### Configuration

Flexible programming with HyphaMESH software

## SUPPORT

- Customisable support options (no chatting with bots)
- Hypha Connect Portal
- Consolidated billing
- Multiple Starlink Plan Options
- Adicional installation components available

# STARLINK

AUTHORISED RESELLER

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