



**Anytime,  
anywhere  
connectivity.**

**Ultra-compact  
satellite technology.**



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

HyphaONE Mini transforms your vehicle or vessel into a powerful mobile network hub that means your team or crew is always connected.

### **Connectivity.**

Leverage the power of Starlink satellites and 4G/5G to stay linked to crucial resources, with end-to-end encryption.

### **Visibility.**

Integrate the tools, systems and channels you already use into a single multi-bearer hub with seamless switching.

### **Mobility.**

Take your connection with you and use it like any Wi-Fi network – sharing real-time data from your preferred smart devices.



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



Voice and Data **Beyond** Networks

# hypha ONE. mini

**Unbound  
communications.**

Hypha is creating a world where every remote worker is always connected to high-speed internet – no matter where they are or what situation they're in.

## **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 budgets are low.



**up to 200Mbps**



**24 – 40 w**



**110° field of view**



# Specifications



## POWER

*Internal DC/DC ensures stable operation*

### Operating voltage

9 – 36V DC

### Power consumption

40W (Nominal)  
75W (Maximum)



## ENVIRONMENTAL

### Operating temperature range

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

### Ingress protection rating

IP66



## PHYSICAL

### Dimensions

330mm(L) x 350mm(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 IP67 shroud – fits any RJ45 cable

### Accessories

- Mag Mount Kit
- Wiring Kits



## PEPLINK

Carrier-agnostic

### Br1 Mini – Entry-level

- LTE only + WiFi 5
- Application aware routing

### BR Pro 5 – Mid-range

- 5G and WiFi 6 capable
- Ideal for up to 50 devices
- Advanced SpeedFusion options

### Max Transit Pro E – Premium

- Especially suited for emergency services
- 5G, WiFi 6 and Edge compute capable
- Ideal for up to 100 devices
- 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