



**Low-profile  
satellite technology.**

**Connectivity  
Beyond Coverage**



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

HyphaONE Mini S turns vehicles and vessels into compact mobile network hubs, using integrated Starlink Mini technology to deliver reliable high-speed connectivity for frontline teams, even where space and power are limited.

### **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 centers  
and field teams**



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



**Up to 1 Gbps**



**33 – 48 W**



**110° field of view**

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Voice and Data **Beyond** Networks

**STARLINK** | Authorised Reseller

# Specifications



## POWER

**Internal DC/DC converter ensures stable operation**

### Operating voltage

10 – 32V DC

### Power consumption

33–48W (Nominal) – 80W (Maximum)

### Automotive ignition sensing



## ENVIRONMENTAL

### Operating temperature range

–30°C to 50°C\*

### Ingress protection rating

IP67 (with connectors mated)



## PHYSICAL

### Dimensions

586 x 351 x 85 mm

### Weight

~ 6.5 kg

### Mounting methods

Vehicle roof mounting (M6 bolts)  
4x M8 threads into housing  
Magnetic mounting

### Base plate material

Aluminum base with fins (Passively cooled)

### External material

Injection moulded plastic



## NETWORKING

### Maximum internet throughput

Up to 1 Gbps

### Supported cellular bands

- 617 MHz – 6 GHz (5G)
- Available with radio modules for US, APAC and Global

### Wi-Fi frequency bands

- 2.4GHz / 5.8GHz
- 2x2 Wi-Fi 6, dual-band

### Network interfaces

1x Gigabit Ethernet Port (IP67 when mated)

### Accessories

- Mag Mount Kit
- Wiring Kits



## PEPLINK Carrier-agnostic

### BR1 Pro (5GK)

- 5G and Wi-Fi 6 capable
- Edge compute capability
- Ideal for up to 150 devices
- Advanced SpeedFusion options
- Especially suited for emergency services



## HYPHA –LOCAL API COMMANDS

Manual Mode Set  
Get Connection List  
Get Connection Status  
Enable/Disable Connection  
Enable/Disable Starlink  
Change Connection Priority  
Enable/Disable Mesh  
Get Remote Gateway List  
Get Remote Gateway Status  
Set Gateway to nearby Unit  
Get GPS Location  
Get Nearby Vehicle Locations  
Get Wifi SSIDs  
Enable / Disable Wifi SSID  
Set Application Based Rule

