



Peplink Makes
• **Connectivity** •
Reliable

About Peplink



Cutting-Edge Provider of Wired and Wireless Connectivity

Peplink makes connectivity reliable. Peplink's ecosystem, SpeedFusion technology and routers have been deployed around the world, helping thousands of customers from many industries increase bandwidth, enhance internet reliability, reduce connectivity cost, or enable new deployment possibilities.

The page features decorative elements on the left side, including a wavy line at the top and three circles of varying sizes below it. On the right side, there is another wavy line at the bottom. The main text is centered and uses a mix of bold black and yellow-outlined fonts.

We Make

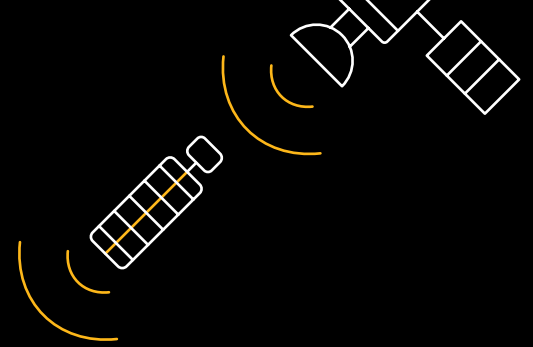
- Maritime

- Connectivity

Possible.

Peplink combines multiple cellular, Wi-Fi and satellite connections for reliable and fast onboard connectivity.

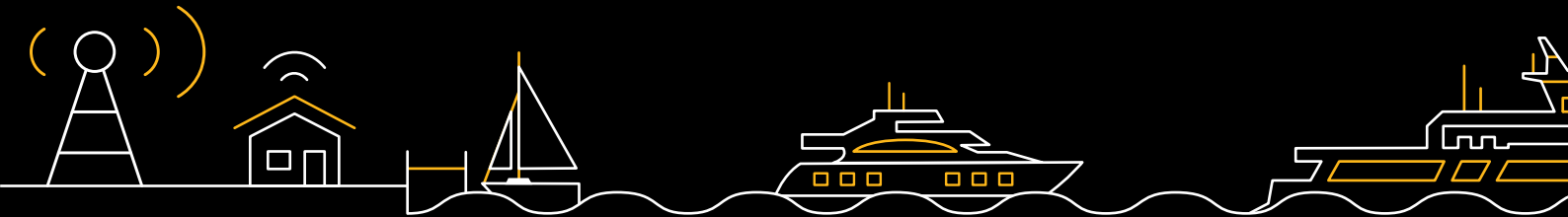
• Maritime Connectivity Overview



Satellite (VSAT / Starlink)

5G/LTE Cellular Signal

Wi-Fi



Shore



Satellite



Wi-Fi



5G



LTE

Coastal



Satellite



5G



LTE

Ocean



Satellite



• Challenges in Maritime Connectivity



VIEW



Fluctuating Network Availability

Network availability and speed of links vary based on the vessel's location. Peplink combines any connection to ensure connectivity is always available.



Bandwidth Need for Shipboard Resources

Incumbent satellite solutions can no longer accommodate the rising bandwidth requirements for streaming IPTV, email, access to company servers and external cloud and CCTV footages.



Connection Cost Control

To avoid data costs from spiraling out of control, Peplink can automatically prioritize data usage to lower connection costs, such as port WiFi over Cellular, or local Cellular over satellite.

- **Challenges** of Using Starlink at Sea



Signal Drops Due to Obstructed View

Starlink requires an unobstructed view of the sky. Yet, the air over the sea holds more cloud cover and moisture, which may largely affect signal transmission.



Limited Coverage

Starlink service currently only operates in the coastal seas of certain countries. The limited coverage makes a network solely dependent on it even less reliable.

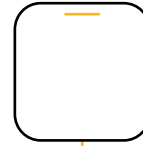


• Peplink's Maritime Connectivity Solution



VIEW

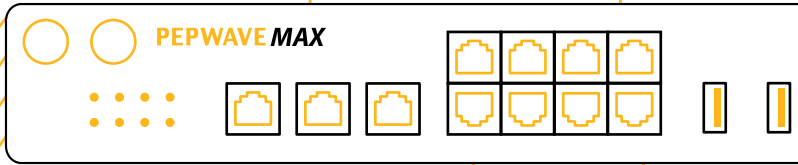
Access Point



Maritime Antenna

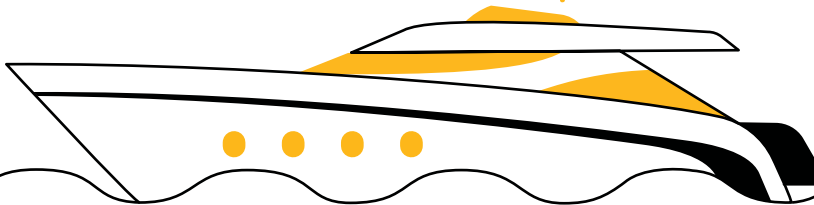


HD4 MBX 5G



SpeedFusion
Connect Protect

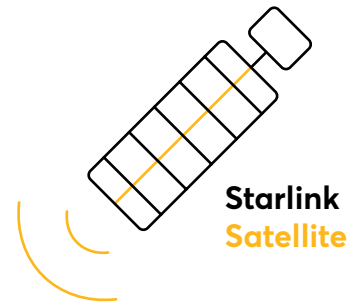
SIM Injector



SD-Switch



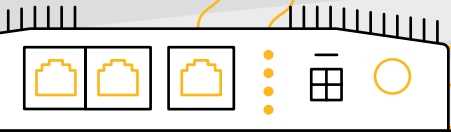
• Starlink with Peplink



Mobility 42G



Starlink Antenna



BR1 Pro 5G

Satellite

Wi-Fi WAN

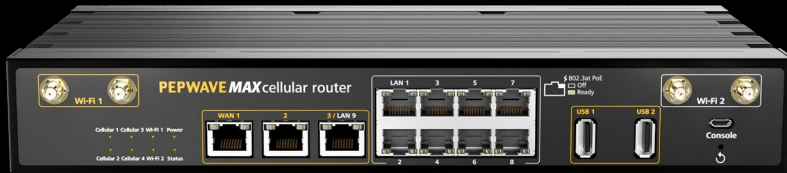
5G



Hot Failover



In the event of a WAN disconnection, Hot Failover will transfer your traffic to another connection while maintaining session persistence. This seamless transition means that you won't experience interruptions in your activities.



VIEW

HD4 MBX 5G

5G Quad-Cellular Powerhouse

MBX can receive 5G signals offshore (with a good antenna setup) to minimize satellite bandwidth costs. Supports Wi-Fi as WAN near pier facilities.

 4x 5G modems

 Bandwidth Bonding

 Wi-Fi 5




VIEW

HD1 Dome Pro

5G Cellular Router for
Outdoor Deployments

 Embedded Antennas

 Wi-Fi as WAN

 Wi-Fi 6

 IP67

Deployed on the outside of the ship, the 5G outdoor router can eliminate cable loss with its embedded antennas. Its Wi-Fi as WAN functionality also provides wider versatility.





Add up to 8 SIM cards. Mount the HD Dome / MBX on the mast and manage SIMs from below decks.



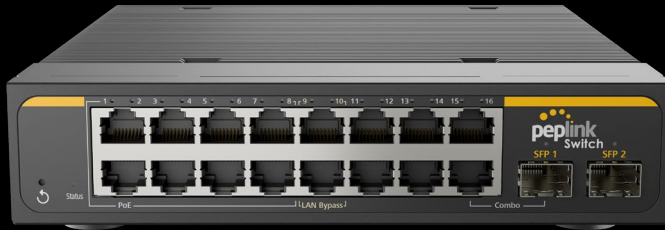
VIEW

SIM Injector

More SIM, More Range



Support up to 8 SIM cards



VIEW

SD-Switch

16 Port Rugged

Simplified LAN Management



PoE+ Output



High Capacity Uplinks



Out-Of-Band Management

Network switch fully manageable with InControl 2 cloud management. Multiple PoE+ output reduces cable needs.





VIEW

Maritime Antenna

High-Gain Antennas
Ready to Set Sail with
5G Connectivity

5G 5G Ready

 IP68 Rated and UV proof

 Ultra-High Gain

 GPS Support*
*Excluding Maritime 10.

Maritime 40G

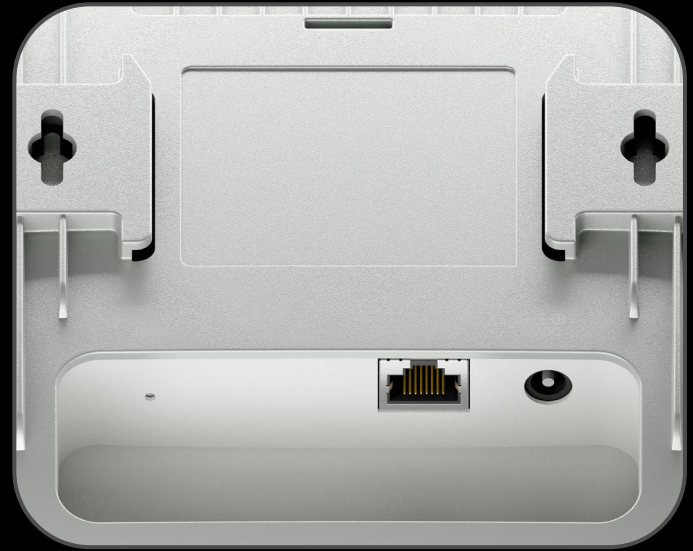


Maritime 20G



Maritime 10





Access point extends Wi-Fi signal to cover the whole vessel. Fully manageable with InControl 2 cloud management.



VIEW

AP One AX

Better Coverage and Speed with Wi-Fi 6



Wi-Fi 6



AP Controller Support



InControl 2 Support

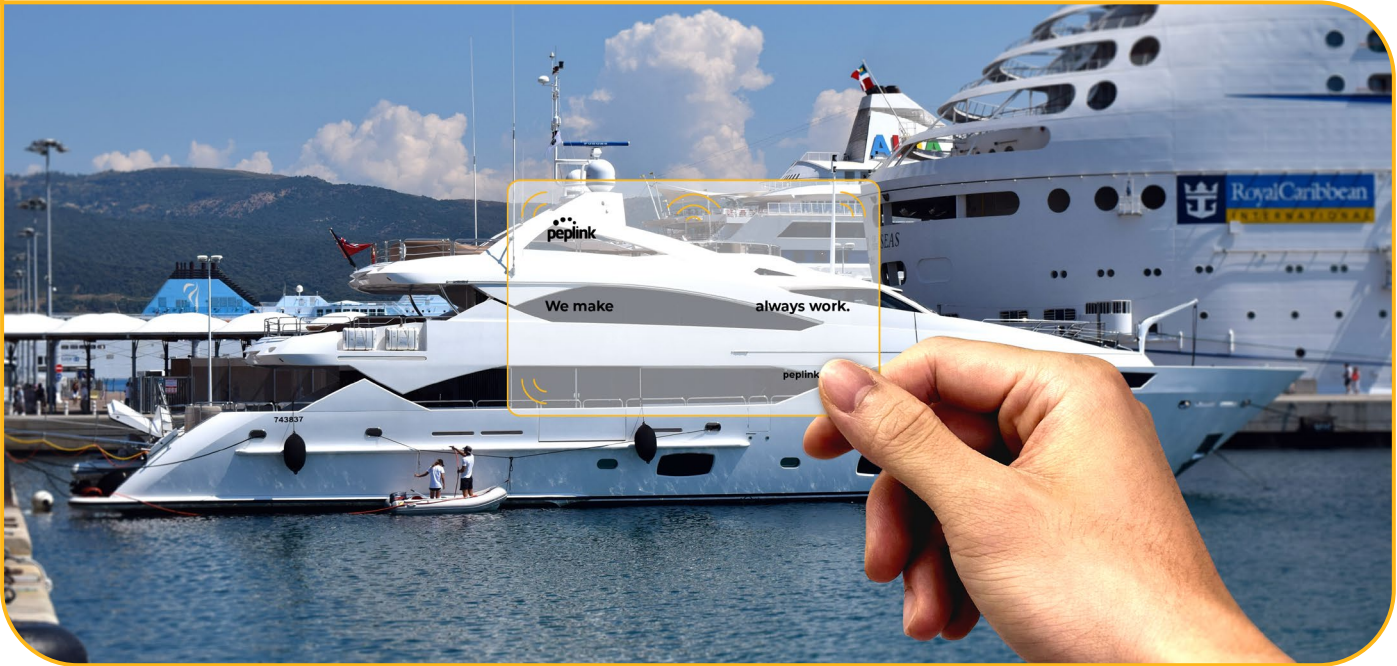
Frame **any object**
with the card.







Success Stories for Yachting Connectivity



50m Motor Yacht

Manage both 5G and satellite connectivity while integrating the onboard communication and entertainment systems with the network.



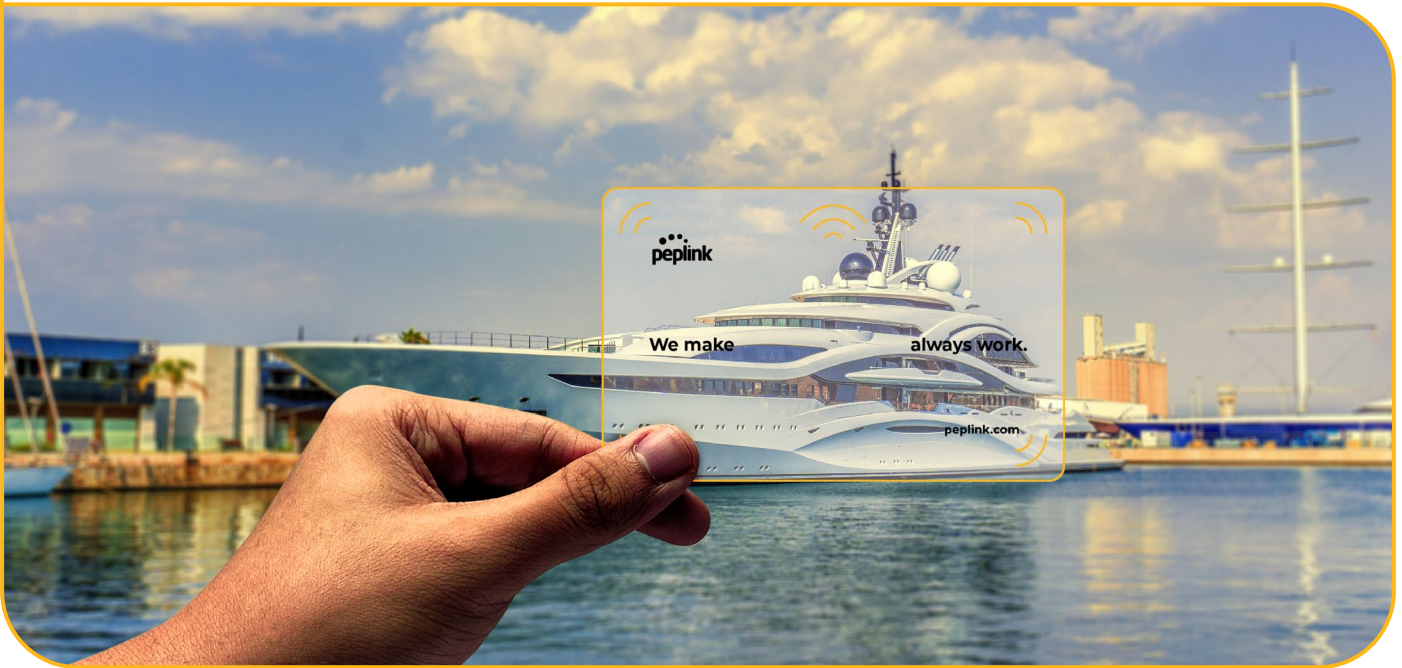
Solution • BR1 Pro 5G



Solution • BR2 Pro + Maritime 40G

60m Motor Yacht

Enhance the cellular system to compensate for the limitations of satellite connectivity by using a dual-5G router and high-gain antennas.



80m Motor Yacht

Supplement the existing satellite network by using a quad-cellular router which allows for Bandwidth Bonding. Simplify LAN management with a switch.



Solution • 16-port Switch + HD4 MBX 5G

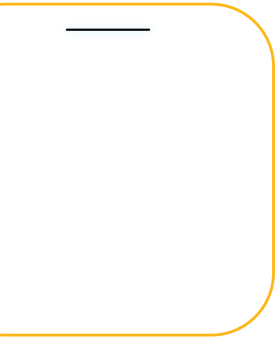
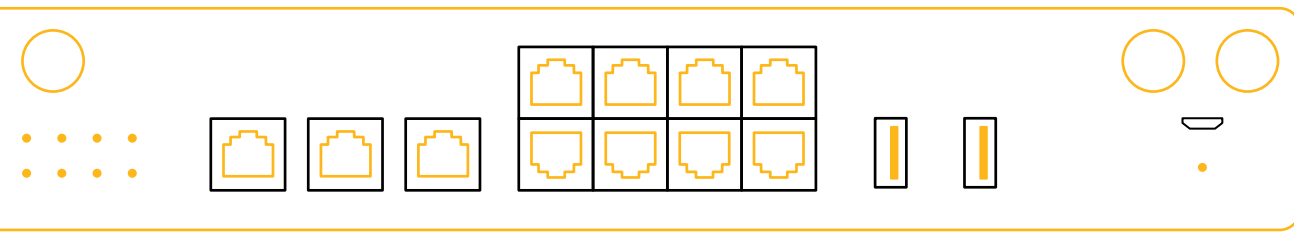


90m Motor Yacht

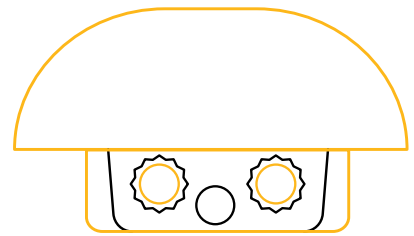
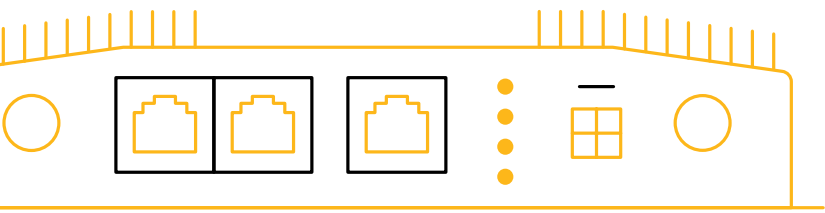
Overcome the limitations of cabling on board by using outdoor routers with embedded antennas. Simply switch SIMs while crossing different countries with the SIM Injector. Leverage multiple internet sources, including port Wi-Fi, cellular, and satellite to create a more reliable network.

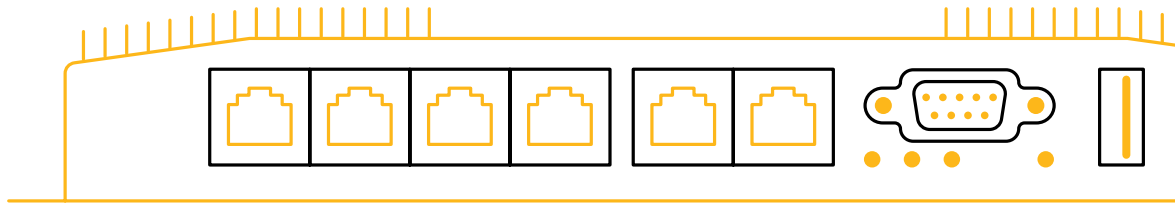


Solution • HD1 Dome Pro + SIM Injector + SDX



Digital Version





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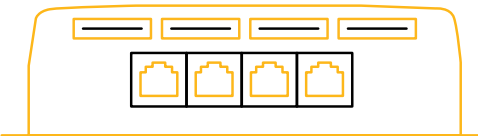
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