

# OCEAN CONNECT HYBRID

## 5G + STARLINK INTEGRATED MARINE INTERNET SYSTEM

THE ULTIMATE CONNECTIVITY  
SOLUTION FOR YACHTS  
AND COMMERCIAL VESSELS



### 5G/LTE NEARSHORE

Ultra-fast connectivity  
when you are close to land.



### STARLINK OFFSHORE

Global coverage  
for unlimited freedom at sea.



### AUTOMATIC FAILOVER

Always the best  
available connection.



### SMART LOAD BALANCING

Optimizes performance  
across 5G and Starlink.



### GLOBAL CONNECTIVITY

Stay online anywhere  
in the world.

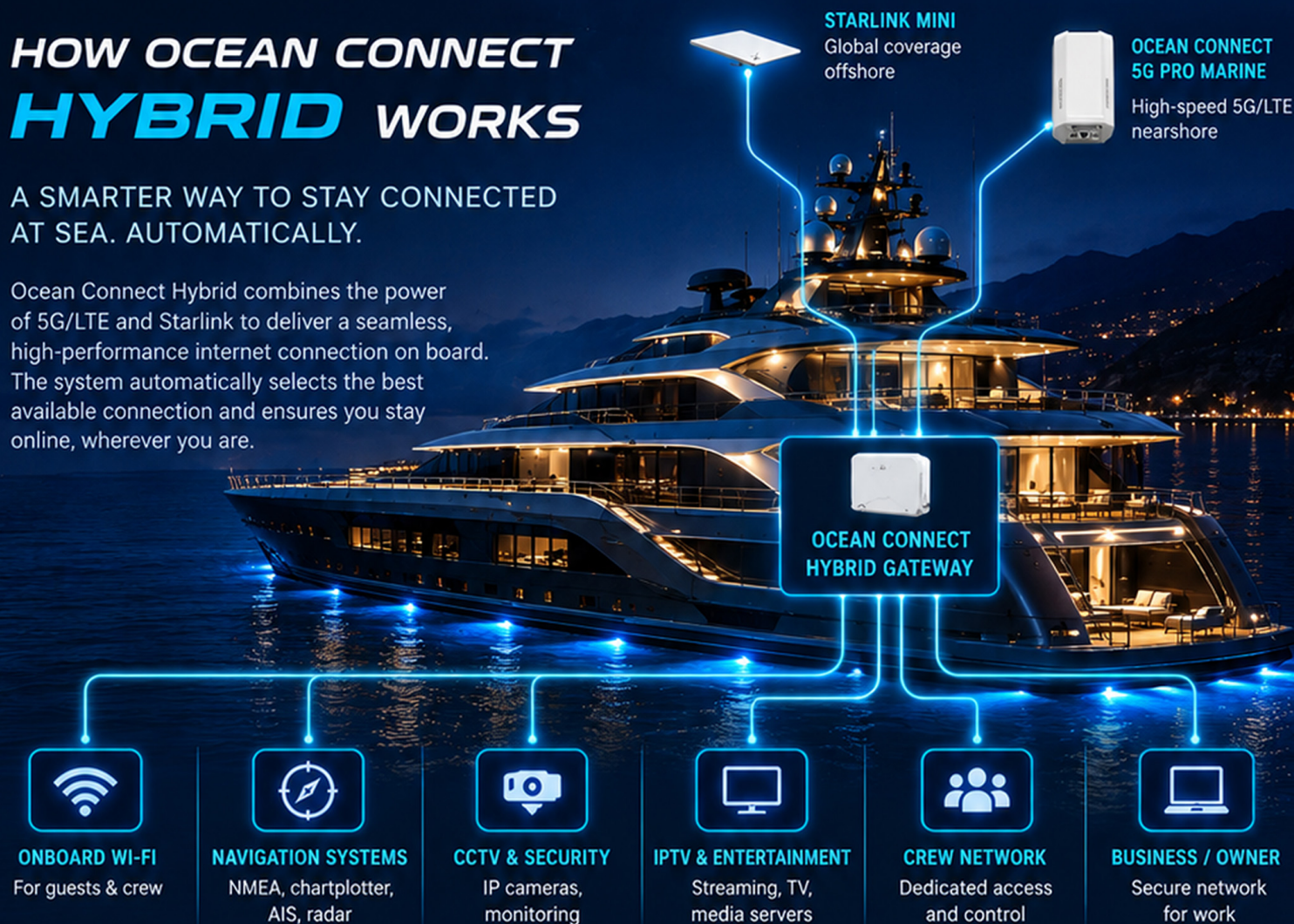
MORE FREEDOM  
**AT SEA**

THE BEST CONNECTION.  
**AUTOMATICALLY, WHEREVER YOU ARE.**

# HOW OCEAN CONNECT HYBRID WORKS

A SMARTER WAY TO STAY CONNECTED  
AT SEA. AUTOMATICALLY.

Ocean Connect Hybrid combines the power of 5G/LTE and Starlink to deliver a seamless, high-performance internet connection on board. The system automatically selects the best available connection and ensures you stay online, wherever you are.



## AUTOMATIC CONNECTION MANAGEMENT



### NEARSHORE MODE

5G/LTE Priority  
Ultra-fast speeds close to land



### AUTOMATIC FAILOVER

Seamless switching  
No manual intervention



### OFFSHORE MODE

Starlink Priority  
Global coverage at sea

SMART LOAD BALANCING | MAXIMUM UPTIME | ALWAYS THE BEST CONNECTION

## TECHNICAL SPECIFICATIONS: STARLINK MINI

|                       |                                               |
|-----------------------|-----------------------------------------------|
| Hardware Platform     | Starlink Mini (Flat High-Performance Antenna) |
| Antenna Type          | Electronically Phased Array                   |
| Dimensions            | 298 x 259 x 38.5 mm                           |
| Weight                | 1.1 kg                                        |
| Data Rate             | Up to 200 Mbps (typical, location dependent)  |
| Latency               | 20 – 40 ms (typical)                          |
| Power Consumption     | 25 – 40 W (average)                           |
| Input Voltage         | 12 – 48 V DC (with included DC cable)         |
| Operating Temperature | -30°C to +50°C                                |
| Environmental Rating  | IP67 (Weatherproof)                           |
| Mounting Options      | Marine mounting kit (optional)                |
| Certifications        | CE, FCC, RoHS                                 |



## STARLINK MINI

COMPACT. POWERFUL. GLOBAL.



**Ocean Connect 5G Pro  
Marine Outdoor Unit**



#### TECHNICAL SPECIFICATIONS: 5G PRO MARINE OUTDOOR UNIT

|                       |                                            |
|-----------------------|--------------------------------------------|
| Hardware Platform     | High-Performance 5G Outdoor Platform       |
| Network Standards     | 5G NR SA & NSA / 4G LTE Cat 20 / 3G        |
| 5G SA Data Rate       | Up to 4.2 Gbps DL / 900 Mbps UL            |
| 5G NSA Data Rate      | Up to 5.0 Gbps* DL / 650 Mbps UL           |
| LTE Data Rate         | Up to 2.0 Gbps DL / 200 Mbps UL            |
| MIMO System           | 4×4 MIMO DL / 2×2 MIMO UL                  |
| 5G NR FDD Bands       | n1, n3, n5, n7, n8, n20, n28               |
| 5G NR TDD Bands       | n38, n40, n41, n75, n76, n77, n78          |
| LTE FDD Bands         | B1, B3, B5, B7, B8, B20, B28, B32          |
| LTE TDD Bands         | B38, B40, B41, B42, B43                    |
| Antenna System        | Integrated Omnidirectional 4×4 MIMO        |
| Ethernet Interface    | 1× Gigabit Ethernet with PoE               |
| SIM Support           | Micro-SIM + eSIM                           |
| GNSS                  | GPS, GLONASS, Galileo, BeiDou, QZSS        |
| Power Input           | PoE 802.3af/at, 12–56 V DC                 |
| Power Consumption     | Max. 10 W                                  |
| Protection Rating     | IP67 Weatherproof                          |
| Marine Environment    | Designed for Outdoor & Marine Applications |
| Mounting System       | Stainless-Steel Marine Mounting Bracket    |
| Operating Temperature | –40°C to +70°C                             |
| Maritime Compliance   | EN 60945 Maritime Compliant                |

\*Theoretical modem capability. Actual throughput depends on cellular carrier capabilities, network load, signal quality, and system interface limits.



**Ocean Connect Wi-Fi 6  
Router System**

#### TECHNICAL SPECIFICATIONS: WI-FI 6 ROUTER SYSTEM

|                              |                                                              |
|------------------------------|--------------------------------------------------------------|
| Wi-Fi Standard               | Wi-Fi 6 (802.11ax), Dual-Band (2.4 GHz & 5 GHz)              |
| Maximum Wireless Speed       | AX3000 (574 Mbps @ 2.4 GHz + 2400 Mbps @ 5 GHz)              |
| Wireless MIMO                | 2×2 MIMO on 2.4 GHz & 5 GHz                                  |
| Antenna System               | Integrated High-Gain Antennas (up to 7 dBi)                  |
| Network Ports                | 2× Gigabit Ethernet Ports (10/100/1000 Mbps)                 |
| Power Input                  | Direct Marine DC (12–57 V DC) / PoE-In (802.3af/at, 18–57 V) |
| Power Consumption            | Max. 9 W                                                     |
| Protection & Operating Temp. | IP54 Weatherproof / –40°C to +70°C                           |
| Network Features & Security  | Fast Roaming, OWE / WPA3-PSK / WPA3-EAP                      |

# OCEAN CONNECT AI CONTROLLER

INTELLIGENT CONNECTIVITY  
FOR A SEAMLESS EXPERIENCE



SMARTER CONNECTIONS.  
A MORE CONNECTED VOYAGE.



#### AI-POWERED NETWORK MANAGEMENT

Automatically selects the best connection and optimizes performance.



#### MULTI-WAN SUPPORT

5G, Starlink and additional connections.



#### SMART LOAD BALANCING

Maximum speed and reliability at all times.



#### ADVANCED SECURITY

Firewall, VPN and remote management.



#### FLEXIBLE INTEGRATION

Designed for yachts and professional marine applications.

#### TECHNICAL SPECIFICATIONS: OCEAN CONNECT AI CONTROLLER

|                       |                                                                                                                                                                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | Ocean Connect AI Controller                                                                                                                                              |
| Product Type          | Multi-WAN Marine Router with AI Network Management                                                                                                                       |
| Processor             | High-Performance Multi-Core CPU                                                                                                                                          |
| Memory                | 8 GB RAM                                                                                                                                                                 |
| Storage               | 128 GB SSD                                                                                                                                                               |
| Network Interfaces    | 6 × Gigabit Ethernet LAN (10/100/1000 Mbps)<br>2 × 2.5 Gigabit Ethernet WAN (10/100/1000/2500 Mbps)<br>1 × SFP+ (10 Gbps, optional)<br>1 × Console (RJ45)<br>2 × USB 3.0 |
| WAN Support           | 5G/LTE, Starlink, Satellite, Fiber, VSAT, Third-Party Connections                                                                                                        |
| Routing Features      | Multi-WAN, Load Balancing, Failover, Policy-Based Routing                                                                                                                |
| AI Network Management | Intelligent Link Selection and Optimization                                                                                                                              |
| Firewall              | Stateful Firewall, NAT, Port Forwarding                                                                                                                                  |
| VPN Support           | OpenVPN, WireGuard, IPSec                                                                                                                                                |
| Network Monitoring    | Real-Time Analytics, Traffic Management, Alerts                                                                                                                          |
| Remote Management     | Web Interface, Mobile App, SSH, SNMP                                                                                                                                     |
| Power Input           | 100 – 240 V AC, 50/60 Hz (12 V DC optional)                                                                                                                              |
| Power Consumption     | Max. 30 W (typical 15 W)                                                                                                                                                 |
| Operating Temperature | -20°C to +60°C                                                                                                                                                           |
| Mounting Options      | Rack Mount (1U) / Desktop / Marine Installation                                                                                                                          |
| Dimensions            | 440 × 260 × 44 mm (1U)                                                                                                                                                   |
| Weight                | 3.5 kg                                                                                                                                                                   |
| Certifications        | CE, FCC, RoHS                                                                                                                                                            |
| Marine Environment    | Designed for Marine Applications                                                                                                                                         |

CONTACT US FOR A FREE CONSULTATION AND QUOTE



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