LTE / 5G / CELLULAR CPE

5G BOAT

Marine 5G and LTE connectivity

Connect marine installations to available cellular networks with an outdoor 5G/LTE CPE, dual SIM slots and a 2.5 Gigabit Ethernet interface.

Marine network access

5G SA/NSA and LTE support with an integrated antenna.

Dual SIM hardware

Two SIM slots for deployment-specific operator configurations.

Outdoor enclosure

IP67 protection with 802.3af/at PoE input.



3.4 Gbps	2 SIMs	2.5 GbE	IP67
5G NSA DOWNLINK[1]	SIM SLOTS	ETHERNET	WEATHER PROTECTION

Cellular access for professional sites.

Cellular uplink

Connect the site to a supported operator network.

Network integration

Use the Ethernet interface to link the CPE to the local network.

Installation planning

Match the operator bands, antenna and mounting to the deployment.

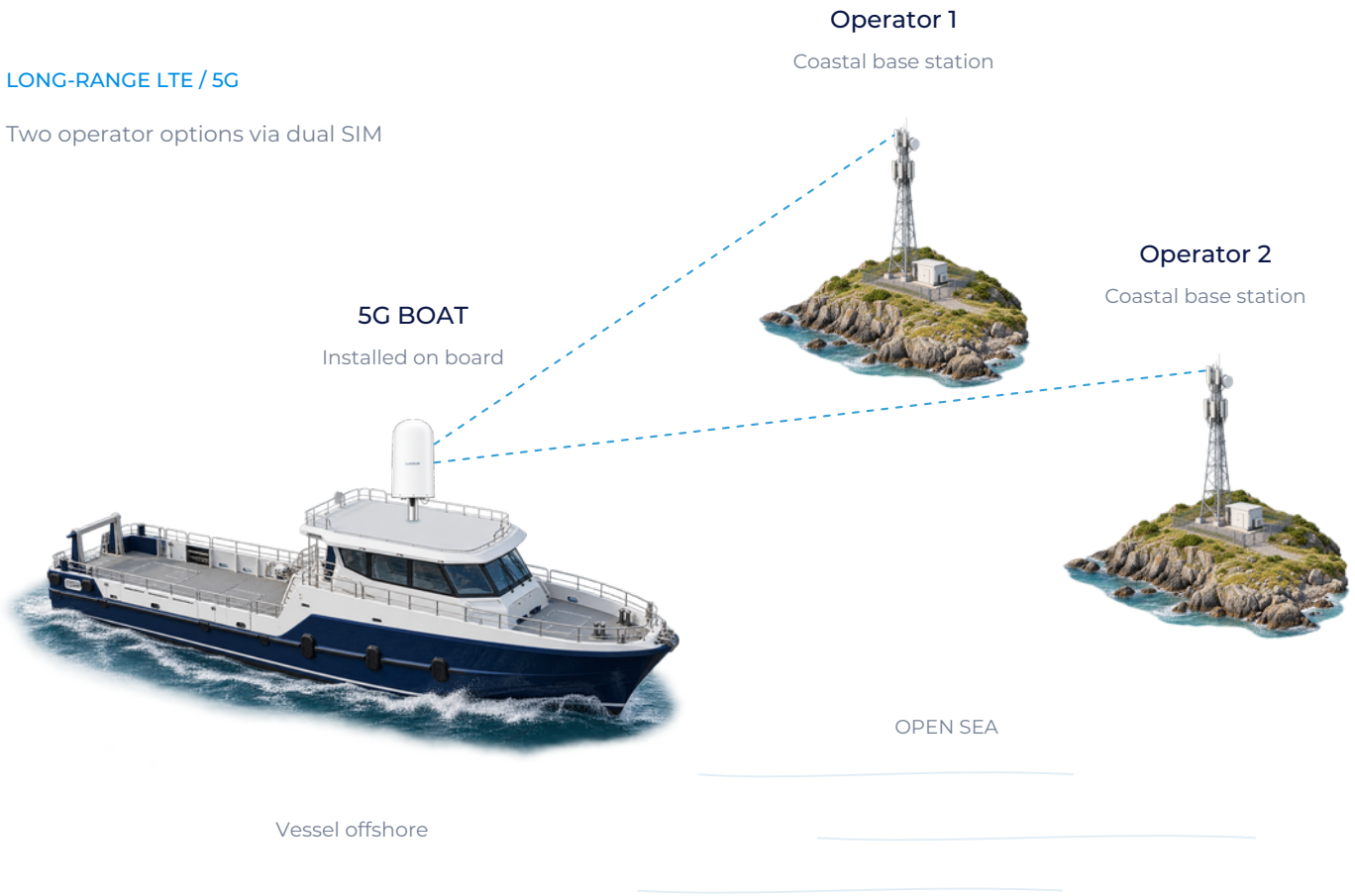
1. Cellular rates are theoretical maxima. Actual performance depends on operator coverage, supported bands, alignment and installation conditions.

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DEPLOYMENT / 5G BOAT

Offshore connectivity. Two operators.

5G BOAT links the vessel to distant coastal LTE and 5G networks.



Operator network options

Conceptual deployment · not to scale

Onboard installation

Mount the 5G BOAT dome on the vessel and connect the onboard network via Ethernet.

Two operators

Two SIM slots accommodate Operator 1 and Operator 2 configurations.

Distant coastal networks

Reach available coastal LTE / 5G coverage from the vessel offshore.

Operator links are configuration options. Active service and offshore reach depend on the selected operator and installation conditions.

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TECHNICAL SPECIFICATIONS

5G BOAT

Radio & performance

Product type	Marine 5G / LTE CPE
Mobile networks	5G NR SA / NSA · LTE
5G SA maximum rate	2.4 Gbps downlink · 900 Mbps uplink
5G NSA maximum rate	3.4 Gbps downlink · 550 Mbps uplink
LTE maximum rate	1.6 Gbps downlink · 200 Mbps uplink
Cellular MIMO	Up to 4×4 downlink · 2×2 uplink, band dependent
Antenna frequency	617-3,800 MHz
5G SA / NSA bands	n1 / n3 / n5 / n7 / n8 / n20 / n28 / n38 / n40 / n41 / n71 / n75 / n76 / n77 / n78
LTE FDD bands	B1 / B3 / B5 / B7 / B8 / B20 / B28 / B32 / B71
LTE TDD bands	B38 / B40 / B41 / B42 / B43

Hardware & power

Ethernet	1× 2.5 GbE
SIM	2 SIM slots
USB	1× Type-C
Reset	Reset button
WiFi	Via external WiFi router
Power	802.3af/at PoE
Maximum consumption	<20 W

Mechanical & environmental

Weather protection	IP67
Dimensions	Ø267 × 493 mm
Weight	5 kg
Color	White
Mounting	Pole mount; customizable

Ordering information

Model	5G BOAT
Package contents	Available on request

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October 2026 / Refined edition

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