

5G Sniper Pro

FAR BEYOND THE LIMITS

Take advantage of the LTE/5G network up to 75 km from the coast*

5G Sniper Pro is an advanced system to track and communicate with LTE/5G antennas ashore. The system is composed of:

A high precision tracking platform, a 105 cm parabolic high-gain dish with multi-band LTE/5G feed, a directional boosted antenna and the network equipment for (Wi-Fi router, modem, firewall, switch).

This allows the ship to be connected to the terrestrial LTE/5G network while sailing up to 75 km away from the coast*.

This 5G Sniper Pro benefits from a larger dish than the basic model but it comes without the amplification components, hence providing an extended range at a lower price point.

With a large dish, but a low weight due to its carbon-fiber dish, 5G Sniper Pro is suitable for Fast Ferries, Small Commercial Vessels and Large and Mega Yachts.

SkyComm is the leader of "On The Move Telecom sector" with over 30 years of research and development in the maritime field. Unlike its competitors, 5G Sniper Pro is the only product concentrating the communication beam through the automatic, multi-bands and very high gain tracking dish system capable of pointing to the most performing ground LTE/5G cells. Our integrated approach is the only one which will assure you optimal stability, bandwidth and the best long-distance performance available all the time.

CELLCHOICE™ - Our proprietary algorithm allows for constant optimization of cell monitoring and selection. During mooring, anchor and navigation it manages the entire set of cells available on its constantly database, giving priority according to signal strength, power and pricing profile selected by the user.



115 cm



Up to 75 km*

4G/5G Tower

* distance to BTS (Base Transceiver Station), in best LTE operator service and installation conditions

5G Sniper Pro

Technical Specs

Radiofrequencies

RF power output

500mW per band

Antenna gain:

15 dBi @ 800 MHz; 23.5 dBi @ 1800 MHz;
24 dBi @ 2100 MHz; 25.5 dBi @ 2600 MHz;
29 dBi @ 3800 MHz;

Beam aperture:

37° @ 800 MHz; 13.5° @ 1800 MHz;
12.5° @ 2100 MHz; 10.9° @ 2600 MHz;
7.1° @ 3800 MHz;

RF router average density radiated power

9 dBW @ 800 MHz; 17.5 dBW @ 1800 MHz;
18 dBW @ 2100 MHz; 19.5 dBW @ 2600 MHz;
23 dBW @ 3800 MHz;

LTE category

6 (300 Mbps downlink, 50 Mbps uplink)

3G category

R7 (21 Mbps downlink, 5.76 Mbps uplink)
R8 (42.2 Mbps downlink, 5.76 Mbps uplink)

Tracking

Azimuth tracking speed:

30°/sec

Azimuth tracking accuracy:

+/- 0,5°

External gyro input required:

via TTL or Nmea 0183

Suitable for Fast Ferries, Small Commercial Vessels and Large and Mega Yachts

High gain, multi-user, 105cm parabolic dish, highly focused beam antenna with cell tower autotracking

Miscellaneous

Radome dimension

Diameter 115cm x Height 130cm

Weight

35 kg

Supported input voltage

110-220 V / 24-48 V

Operating ambient temperature

-30°C .. +70°C

Max power consumption

700 W (peak in tracking)

Connections

Ethernet via multi channel Ethernet slip ring,
Power supply cable

Supported bands

5G

n41(2500)/ n77(3700)/ n78(3500)/ n79(4700)

LTE (FDD) bands

1(2100)/ 2(1900)/ 3(1800)/ 5(850)/ 7(2600)/
8(900)/ 12(700)/ 17(700)/ 20(800)/ 25(1900)/
26(850)

LTE (TDD) bands

38(2600)/ 39(1900)/ 40(2300)/ 41n(2500)

3G bands

1(2100)/ 2(1900)/ 5(850)/ 8(900)

Standard

IEC60945 for professional maritime equipment
of satellite configurations



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For further information

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