KINGSAT

Hangzhou Saikeling Electric Technology Co., Ltd

DATASHEET

4G/5G Marine Network Antenna

Shore-network internet for near-coast operation, with VSAT fallback.

CATEGORY
System

MODELS
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SIZE CLASS
Coastal · 35 nm

SPECIFICATION

Parameter	Value
Function	Shore cellular signal to onboard internet, 5G NR module built in
Frequency range	698–960 / 1710–4000 MHz
Gain	8 ± 0.5 / 6 dBi
Horizontal beamwidth	360° / 360°
Vertical beamwidth	20° / 40°
Polarization	Vertical (V)
Max. input power	50 W
Antenna connector	N-K
Weight	3.5 kg
Wind resistance	36.9 m/s
Operating temperature	−40 to 55 °C
Operating humidity	< 95%
Power supply	AC 220 V
Radome material	ASA
Cellular networks	NR / EN-DC; FDD LTE / TDD LTE; WCDMA / HSDPA / HSUPA / HSPA+; TD-SCDMA
Wi-Fi standard	IEEE 802.11 n/b/g/ac
5G NR antenna ports	SMA-K
Wi-Fi antenna ports	SMA-K
Ethernet	4 × 10/100/1000 Mb LAN, 1 × 10/100/1000 Mb WAN
Console / serial	RS232 console, RS485 UART
SIM	2 × push-push SIM slots
Coverage	Near-coast, up to ~35 nautical miles (carrier dependent)
Combination	Can run with VSAT, automatic priority switching

Saikeling 2026 product catalogue, pages 21–22. Model designation, VSWR, impedance and enclosure dimensions are still being confirmed with the manufacturer and are not published here.

AT A GLANCE

— Receives shore base-station signal and provides onboard internet
— Near-shore coverage up to roughly 35 nautical miles
— Works alongside VSAT with automatic priority switching
— Supports voice, video and fleet management traffic