

Always-on connectivity, anywhere.

Satellite tracking with LTE/5G switchover. Autonomous pointing, zero manual alignment.

360°

Continuous Azimuth

from 5°

Elevation Coverage

5°

Pointing Accuracy

12-32 V

Input Voltage

The **SkyEdge™ 7** is a fully autonomous intermediate-gain antenna platform combining satellite tracking with integrated LTE/5G terrestrial backhaul. The system automatically switches between SATCOM and cellular links to maintain uninterrupted connectivity. Whether mounted on a vehicle, vessel, or UAV, the antenna continuously maintains precise satellite pointing through real-time sensor fusion and closed-loop motor control.

Key Features

- **Deploy in minutes** – power on and the antenna locks onto your satellite automatically
- **Stay connected on the move** – high-speed sensor fusion compensates for motion in real time
- **Multi-network ready** – simultaneous SATCOM and LTE/5G with automatic switchover
- **Manage from any device** – built-in WiFi hotspot with responsive web interface
- **Update remotely** – over-the-air firmware updates, no physical access required
- **Built for the field** – wide voltage input, ruggedized for harsh environments

Target Markets

- **Maritime & Offshore** – continuous tracking on vessels and offshore platforms
- **Defense & Government** – secure SATCOM on-the-move for military applications
- **Emergency Response** – rapid-deploy stations for disaster relief
- **Broadcast & Media** – live satellite uplink from moving vehicles
- **UAV & Aerospace** – autonomous communication relay for unmanned platforms
- **Fleet & Transport** – always-on connectivity for logistics and transport

Technical Specifications

Parameter	Value	Parameter	Value
Azimuth Range	360° continuous	Elevation Range	from 5° above horizon
Pointing Accuracy	5°	Tracking Rate	> 30°/s
Sensor Fusion	9-axis, 340 Hz	GPS/GNSS	Multi-constellation
Input Voltage	12-32 VDC	SATCOM Link	Half Duplex, 332 kbps
WiFi	2.4 / 5 GHz (AP + Client)	Connectivity	SATCOM + LTE/5G auto-switchover
Operating Temp.	-40°C to +80°C	Firmware Update	Over-the-air (OTA)
Dimensions (W × D)	151 mm × 117 mm	Radome Diameter	Ø 151 mm
Mounting Circle	Ø 135.2 mm	Mounting Hole Spacing	66 mm