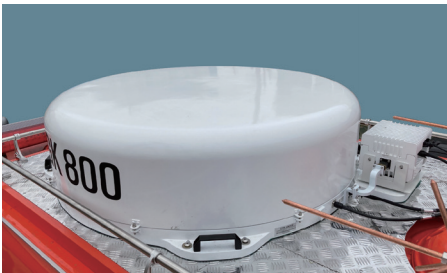
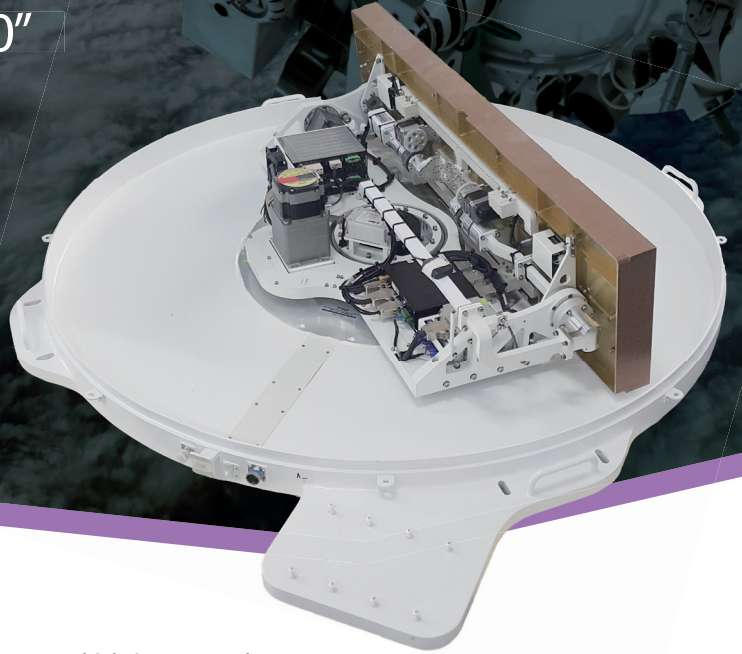


Vehicle OTM Antenna

Konet GK800

Seamless on-the-go
communication service "GK800"



Main Features

- Vehicle integrated system.
- Automatic pointing, 360 degree tracking.
- Easy to install and remove.
- Satellite-based 5G backhaul service.
- Used as an SNG broadcast Vehicle.
- CE, KC Radio Certification Product.

OTM service

- 360-degree satellite tracking with a driving Communication (OTM) antenna.
- Service connection within 5 seconds of tunnel passage.
- Up to 300 km/h high Speed Rail and OFF LOAD Driving Service.

Product dome cover

- Dome protect and conceals antennas.
- Low height structure provides 20cm height (UH version)
- Using a Low Noise Motor.

Excellent Flat panel Performance

- Cover Size : $\Phi 1350\text{mm} \times 300\text{mm}$
- High Gain : TX: $\geq 37\text{dBi}$, RX: $\geq 36.5\text{dBi}$
- G/T : $\geq 12.7\text{dB/K}$ (10° Elevation, 80°K , Clean Sky)

Use both GEO and LEO satellite

- Vehicle SNG Service, VST Service in Moving State.
- SCPC 40Mbps service (HUB 9.3m Ant)
- Pointing in the first two minutes, pointing in the tunnel / shaded area within 5 seconds.

Konet GK800

Vehicle OTM Antenna

Ku Band Antenna

Main Features

- Seamless phone calls, intent, and video conferencing in an on-the-move (OTM) high-speed Vehicle.
- In-vehicle network equipment, 5G, WiFi network provided, communication company's earth station failure backup possible.
- High efficiency antenna via flat panel.
- Disaster network Mobile Command Center can be established.
- Establishment of Satellite Communication Network in integrated OEM, ODM.
- 360 ° Automatic tracking available on railways / ships / vehicles.
- Existing SNG Antenna Replacement Available.

Konet GK800 Specification

Antenna type	Nano Horn array flat satellite antenna
Antenna size	Flat Array Φ1350mm×350mm, 65Kg
Frequency	Tx : 14.00 ~ 14.50GHz, Rx : 12.25 ~ 12.75GHz
Gain	TX: ≥37dBi, RX: ≥36.5dBi
G/T	≥ 12.7dB/K (10° Elevation, 80°K, Clean Sky)
The first side lobe	≤ -16dB
Polarization isolation	≥ 35dB axial direction
Stabilization	2 axis stable and 4 axis tracking
Angle range	Azimuth : 360 ° Elevation : 0 ° ~ 90 ° Polarization : 360 °
Acquisition time	Initial Acquisition : ≤120s, block time ≤10 minutes, acquisition immediately. 10 minutes < block time ≤ 30 minutes, acquisition ≤ 15s
Tracking Mode	INS measurement and signal tracking
Speed	highway : 150Km/h, High speed train : 300Km/h
Working temp / humidity	-40°C + 60°C / ≤98%
Certification	KC, CE, ISO14001, ISO9001
Manufacture	GLOBAL KONET CO., LTD

