

Manpack Phased Array Antenna

Konet K-Flip

Ka Band Antenna



Main Features



Comfortable Move

New futuristic portable solutions can be configured as bags or hard cases, and can be moved comfortably without restrictions on movement.



High Reliability

KONET beam tracking technology allows you to maintain uninterrupted connections on the go.



LTE Hybrid

By using it as a hybrid with the LTE communication network, customers can conveniently switch between satellite and LTE.



Battery built-in

In the case of remote mountainous areas, it is difficult to supply power, but future new technologies are designed to operate services for a long time with built-in internal batteries.

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Ka Band PORTABAL User Terminal

Model Name	Konet K-Flip (GPA460)
Operating Frequency Range	TX: 27.5 – 31GHz RX: 17.5 – 21.2GHz
Scanning Range	Azimuth: 0° ~ 360° Elevation: 0° ~ 90°
EIRP (typical)	≥49dBW@29.25GHz
G/T(typical)	≥9dB/K@19.45GHz
Modem	In-built iDirect iQ200, Gilat Capricorn-II, UHP (can be customized)
Polarization	Circular LHCP/RHCP Pol (Switchable)
Cross Polarization	axis ratio : ≤110@90°
Beacon Tracking Receiver	Supports Carrier tracking
Vehicle	OPEN AMIP Support
Marine	OPEN AMIP Support
Pol Switching Time	<0.5ms
Beam Switching Time	≤0.3ms

Interface Features

Contol interface	DC port, Lan Port x 3
One Box Solutions	ESA Antenna, Battery, LTE Modem

Physical Dimensions

Size (W x D x H)	650mm x 510mm x 95mm
Weight	≤21kg

Power Supply Requirement

Rated Voltage	12V (10-14V)
Power Consumption	≤450W (peak)

Environment Parameters

Operating Environment Temp	-40°C ~ +60°C
Storage Temp	-55°C ~ +70°C
Water-proof	IP66

Frequency Converter Parameters

Freq Local Oscillator	Transmit: 27.6Ghz, Receive: 16.85/18.05Ghz (Changeable)
Manufacturer	GLOBAL KONET Co., Ltd.

