

Manpack Phased Array Antenna

Konet Nabi

Ku 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.



Light Weight

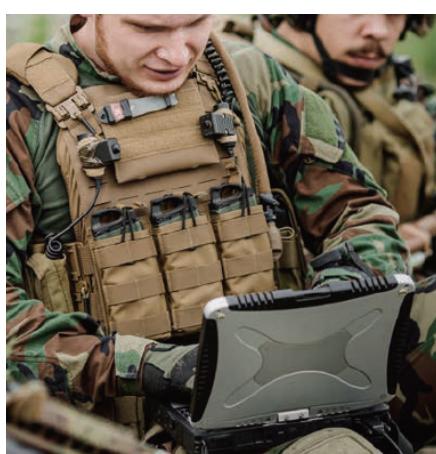
It weight only 18kg and can be carried in a bag pack or hard case.



Battery built-in

Battery pack is 504,000mAh and Screw installation.

Future new technologies are designed to operate services for a long time with built-in internal batteries.



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Ku Band PORTABAL User Terminal

Model Name	KONET Nabi (GU330)
Operating Frequency Range	TX: 13.7 - 14.5GHz / RX: 10.7 - 12.75GHz
Scanning Range	Azimuth: 0° ~ 360° Elevation: 30° ~ 90°
EIRP (typical)	Linear Pol: ≥44.2dBW@90°@14.1GHz Circular Pol: ≥42dBW@90°@14.1GHz
G/T(typical)	≥10.1dB/K@90°@11.7GHz@80K
Polarization	Linear H/V Pol
Cross Polarization	≥30dB
Beacon Tracking Receiver	DVB-S2/Power Detection
Satellite Tracking	Auto tracking, Manual tracking
Boot Pointing Time	≤3min
Beam Width	TX 2.5°@90° / RX 2.4°@90°
Modem	Built-in iDirect, Comtech UHP modem (Option), OpenAMIP support

Interface Features

Interface Ports	DC port, Lan Port, RF port, GPS port
Communication Interface	Ethernet, WiFi

Physical Dimensions

Size (W x D x H)	546x609x83mm
Weight	≤ 16.5 kg (without battery) ≤ 18 kg (built-in battery)

Power Supply Requirement

Rated Voltage	12V
Power Consumption	≤300Watt(MAX)
Battery pack	504,000mAh

Environment Parameters

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

Frequency Converter Parameters

Local Oscillator Frequency	TX: 12.8/13.05GHz RX: 9.75GHz / 10.6GHz / 11.3GHz
10MHz Reference	TX port requires 10MHz.
Manufacturer	GLOBAL KONET Co., Ltd.

