

Konet QFPA50/U

**Convenient satellite communication
anytime, anywhere!
Try it with Mpack.**



Main Features

- Integrated integral ONE BOX antenna.
- Automatic pointing of BUTTON without assembly.
- Patent for manufacturing flat Antenna.
- Remote Control via Smartphone APP.
- Satellite modem, WiFi built-in possible.
- Posses Global DisasterNetwork and Emergency Communications Network Delivery Reference.

KONET QFPA50/U Specification

Antenna Type	horn array flat panel satellite antenna
Antenna Size	Redome Cover 510 x 510mm
Frequency	RX: 12.25 ~ 12.75GHz TX: 14.00 ~ 14.50GHz
Gain	RX: $\geq 36.5\text{dBi}$ TX: $\geq 37.5\text{dBi}$
G/T	$\geq 12.7\text{dB/K@12.75GHz}$
Side Lode	$\leq 22\text{dB}$
Polarization	Linear polarization
Cross Pol isolation	$\geq 30\text{dB}$ axial direction
Pointing Mode	One button automatic, manually accurate operation
Alignment accuracy	$\leq 0.2\text{dB}$
Interface	Ntype : Tx, Rx port, 10/100Base-T RJ45 : 3port, RS232 : Modem, ACU Console
WiFi	Options : 2.4G, 5G IEEE 80 2.11a/b/g/n/ac
Sat Modem	Options : iDirect, Gilat, UHP VSAT Modem or SCPC Modem
Terminal LED	Tx, Rx, Net, Power LED
ACU Control	Bluetooth Control via smart phone, PC
Pointing Time	≤ 3 minutes (from opening the cover to locking in satellite)

Angle Range	Azimuth : $\pm 90^\circ$, Elevation : $0^\circ \sim 90^\circ$, Polarization : $\pm 90^\circ$
Power Supply	110 ~ 220VAC $\pm 10\%$, 50/60Hz, 24VDC, 110 ~ 220VAC $\pm 10\%$, 50/60Hz
DC INPUT/ OUTPUT	Vehicle battery usage INPUT : SmartDC Free Volt(9V~40V) OUTPUT : USB 3.0 (2Port) Battery status LCD wondiws
Battery Pack	Mac 260W lithium ion Battery hours of use : 1hours Intenel auto DC Charing
Weight/ Dimensions	$\leq 35\text{Kg}$ / 650mm(L) x 580mm(W) x 380mm(H), $\leq 38\text{Kg}$ / 650mm(L) x 580mm(W) x 380mm(H)
Working temp	$40^\circ\text{C} \sim +55^\circ\text{C}$, $\leq 98\%$ (KORAS)
Wind	Wind(Operational) 18m/s, Wind(Survival) 25m/s
Built-in BUC	8/16/40W (Ku Band) (8W BUC Default)
Certification	KC, CE, FCC, UN38.3, TELEC, ISO9001, ISO14001.IP65, KORAS
Carry Box	ONE BOX
Manufacture	GLOBAL KONET CO., LTD.
Origin	Made in Korea

