

STARWIN USAT

all-in-one integrated satcom

Fast, simple to operate and easy to deploy, this fully integrated flat panel antenna, offers a cost effective way to access high-speed voice and data connectivity services



KEY FEATURES

- Ku-Band
- Auto acquire or manual point models available
- One key ease of operation
- Integrated flat panel antenna, modem, BUC, LNB, Wi-Fi and power supply
- Weighs 18 kg
- Compact for easy transportation
- 3.1 inch OLED screen allows for real-time status checks
- Connect with terminal via bluetooth for configuration and status updates

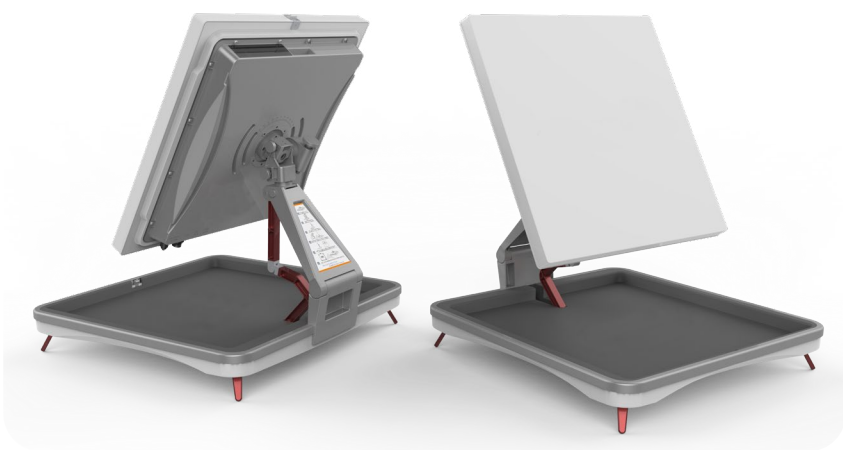


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SECURE SOLUTIONS FOR SATELLITE, LTE,
RF, IP NETWORKS AND CLOUD SERVICES



Offering a low-cost mobile, deployable communication solution, this lightweight flat panel antenna can be connected to global high-speed Ku satellite networks for reliable data, voice and video transfer in the most remote regions of the world.



Available as an AUTOMATIC pointing model for easy setup, or as a MANUAL pointing model with lower weight and power requirements, this versatile satcom terminal is suited to defence, government and commercial users.



TECHNICAL SPECIFICATIONS	
Antenna Type	Slotted waveguide array antenna
Frequency Range	
TX	13.75~14.50GHz
RX	10.95~12.75GHz
Polarisation	Linear $\pm 110^\circ$
Receiving Gain	> 35 dBi
Transmitting Gain	> 36 dBi
G/T	13 dB/K
First Sidelobe	> 15 dB
Elevation Range	$7^\circ \sim 90^\circ$
Wind (Operational)	14m/s (50km/h)
Operational Temperature	-25°C to +50°C
Ingress Protection	IP66
Humidity	0 ~ 95%
BUC	3W / 6W
LNB	PLL LNB 30K for TDMA systems PLL LNB 5K for SCPC systems
Wi-Fi	IEEE 802.11b/g/n at 2.4GHz
LAN Port (RJ45)	Gigabit Ethernet

AUTOMATIC POINT	
Satellite Acquisition	Automatic pointing
Azimuth Range	Unlimited, fine tune $\pm 80^\circ$
Power Supply	AC 90-264V (DC 24V)
Max Power Consumption	120W (with 3W BUC, searching process) 65W (accessing network) 120W (with 6W BUC, searching process) 85W (accessing network)
Terminal Dimensions	(L×W×H): 680×650×240
Terminal Weight	18 kg (Max)

MANUAL POINT	
Satellite Acquisition	Manual pointing
Azimuth Range	Unlimited, fine tune $\pm 70^\circ$
Power Supply	AC 90-264V (DC 24V)
Max Power Consumption	65W (with 3W BUC, accessing network) 45W (satellite searching) 85W (with 6W BUC, accessing network) 45W (satellite searching)
Terminal Dimensions	(L×W×H): 680×650×220
Terminal Weight	< 17 kg



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