

SealionKA50

KA50



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VSAT SealionKA50

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, VoIP

1.SkyFocus™

2.Watchman™

3.Tri-Door™

4.Singfinger™

ACU

5.LightenLife™

WIFI

Radome height	68.5cm (26.97 inch)
Radome diameter	61cm (24.02 inch)
Reflector diameter	50cm (19.68 inch)
Radome color	White/Blue
Radome materials	ASA/ABS+PC
Weight	25kg (55.12 lbs)
Environmental humidity	0 ~ 95%
Operating temp. range	-20°C ~ 60°C
Waterproofing grade	IP56
Satellite band	Ka-Band
Antenna type	Ring focus rear feed antenna
ACU size	330*210*44.5mm
Packing materials	Carton with pallet

TX frequency	29.0~30.0GHz (Ka-Band)
TX gain	≥41.1dBi (29.5GHz)
RX frequency	19.0~20.2GHz (Ka-Band)
RX gain	≥38.0dBi (19.4GHz)
G/T	13.4dB/K (Clear sky, 30° Elevation)
Power input	AC 100V~240V/ 50Hz
Power output	DC 24V
Static power	35W (Without BUC power)
Dynamic power	45W (Without BUC power)
BUC power	4W/ 5W/ 10W (Optional)
LNB	Ka-Band LNB (L.O. 16.75/ 17.35/ 17.65/ 18.05GHz)
Axial ratio	≤1.5
Polarization	Circular polarization
Min. EIRP	52.4 dBW typ. @ 29.5 GHz

Stabilization forms	2-axis stabilized: Azimuth, Elevation
Tracking forms	2-axis tracking: Azimuth, Elevation
Tracking & location mode	Built-in inertial guidance & BD/GPS
AZ range/ tracking rate	Unlimited/ ±8°@15S
EL range/ tracking rate	0°~110°/ ±15°@5S
Initial lock	≤1.5Min
Re-lock after break lock time	Break lock<1Min; Re-lock<1Min Break lock≥1Min; Re-lock<2Min
Tracking brake system	Azimuth, Elevation

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