

Kilichain

High Tracking Accuracy

Modem Compatability

Open Platform Compatibility

Easy Installation

Stable and Reliable Tracking

Advanced System Control



Kilichain

KV10

Specifications

Trackings	
Stabilization forms	3-axis stabilized: Azimuth, Elevation, Roll
Tracking forms	4-axis stabilized: Azimuth, Elevation, Roll, Skew
Tracking &locationmode	Built-in inertial guidance & BDS/GPS
Azimuth range/tracking rate	Unlimited/±90°@36S
Elevation range/tracking rate	-5°~112/±20°@5S
Roll range/tracking rate	±38%±20°@6S
Skew range/tracking rate	±90°
Initial lock	≤118S
Re-lock after break locktime	Break lock<60S; Re-lock<60S
Tracking braking system	Azimuth, Elevation, Roll, Skew

Communications	
TX frequency	13.75~14.5GHz
TX gain	41.9dBi (14.25Ghz)
RX frequency	10.7~12.75GHz (KU-Band)
RX gain	40.8dBi (12.5Ghz)
G/T	18.4dB/K (Clear sky 30°Elevation)
LNB KU-Band	L.O: 9.75/10.6/11.3GHz (Customizable)
Cross-POL isolation	>30dB
Polarization	Linear polarization
Min.EIRP	42 dBW

Physicals	
Radome height	140.0 cm (55.1 inch)
Radome diameter	134 cm (52.8 inch)
Reflector diameter	105cm (41.3 inch)
Radome color	White/Blue
Radome materials	FRP/SMC
Weight	115kg (253lbs)
Environmental humidity	0~95%
Working temperature	-20℃~60℃
Ingress protection	IP56
Satellite band	KU-Band
Antenna type	Ring focus rear feed antenna
ACU size	350*230*50.98mm (Without bracket)
ACU weight	2.9kg

Electricals	
Power input	AC: 100V-240V/50Hz DC:15-36V
Power output	DC: 24V
Static power	33W (Without BUC power)
Dynamic power	44W (Without BUC power)
BUC power	4W/6W/8W/16W (Optional)

*All specifications are subject to change without notice.

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