

PS200E Full Automatic Ka Band Fly-away Antenna

The PS200E Satellite antenna system is specially designed for high data transmission rate, Ka band satellite. The one-button smart control, automatic acquisition operation, makes deployment simple and it is possible for an operator to finish setup within three minutes. Thanks to the intelligent man-machine interface, it can be safely and easily operated by a non-technical operator without additional need of supplement tools. The rugged design, coupled with the most advanced light-weight carbon fiber antenna technology, makes it suitable for the most demanding applications. The exceptional technical specifications also allow customers to achieve great results under any operational scenario.

The PS200E is packed in one suitcases.

Key Features:

- Full automatic & Easy operation
- Ultra-fast setup
- High-rate transmission
- Light weight & small size
- Rugged design & High dependability



Model		PS200E
Antenna Type		Gregorian dual-reflector antenna
Dish Material		Carbon Fiber
Aperture		0.75m
Frequency	Rx	Standard band 17.7 ~ 19.2GHz; Custom band optional
	Tx	Standard band 29.4 ~ 30GHz; Custom band optional
Gain	Rx	41.35dBi
	Tx	44.5dBi
Side lobe Performance		≤-14dB
V.S.W.R	Rx	≤1.35:1
	Tx	≤1.35:1
Tx/Rx Isolation		≥85dB
Polarization Isolation		≥35dB (On axis)
Polarization		Circular/linear pol , Tx/Rx
Axial Ratio (Circular-Polarized)		1.5dB
Feed Interface		RX:WR42, TX:WR28
Operating Mode		Key touch positioning
Tracking Accuracy		≤0.11°
Setup Time		≤3min
M&C		Graphical Desktop Terminal Web Server (optional)
Azimuth		±100°
Elevation		10°~ 85°
Polarization		±90°
Net Weight		22KG
Packing		ABS Suitcase
Suitcase Size		770x430x420mm
Suitcase Weight (with antenna)		33.5KG
Power supply		DC24V ,C220V optional
Power Consumption		maximum150W (without BUC)
Operating Temperature		-30 ~ +55°C
Storage Temperature		-40 ~ +80°C
Operational Winds		Operational Winds : 12m/s Survival Winds: 18m/s (reinforced)
Rain Proof		≤100mm/h
Operational Humidity		0% ~ 100%
Altitude		4000m