

Light-Weight

Portable SATCOM Terminal



BWP500A/600A Portable SATCOM Terminal is designed for emergency communication. The compact design brings it characteristics of small size, light weight, easy to carry and short opening time. It can effectively reduce the dependence on road condition and greatly shorten the time spent on communication recovery in disaster areas. The built-in large capacity batteries and energy-saving design make It can be used for no less than 3.5 hours and keep standby for more than 12 hours, which are long enough to meet the various demands of emergency communication.

BWP500A/600A Portable SATCOM Terminal	Common Portable SATCOM Terminal
<ul style="list-style-type: none"> • Integrated design, carried by only 1 person 	<ul style="list-style-type: none"> • Split design, carried by 2+ persons
<ul style="list-style-type: none"> • 8kg Only (Lightest in China) 	<ul style="list-style-type: none"> • Around 20 kg
<ul style="list-style-type: none"> • Mobile APP wireless control 	<ul style="list-style-type: none"> • Controlled by special terminals
<ul style="list-style-type: none"> • Signal intensity broadcasting function 	<ul style="list-style-type: none"> • Require external Star Finder equipment
<ul style="list-style-type: none"> • IIPR & Strong Customizability 	<ul style="list-style-type: none"> • Lack of core technology

Technical Parameter

BWP500A/600A Portable SATCOM Terminal

• Dimension	410mm × 300mm × 130mm
• Weight	8kg/9kg
• Antenna Type	0.5/0.6m parabolic antenna
• Antenna Material	Carbon fiber
• Polarization Mode	Linear polarization
• XPI	≥30dB
• Working Frequency	Sending: 14GHz ~ 14.5GHz, Receiving: 12.25GHz ~ 12.75GHz
• BUC Power	6W
• Support Services	Voice, Video, Picture, Text, Short Voice Message, Data
• Data Rate	16Kbps ~ 2Mbps
• Opening Time	< 3mins
• Modulation	QPSK
• Coding	LDPC
• Threshold Eb/N0	3.5dB
• Data Interface	RJ45, Wi-Fi
• Data Security (Optional)	AES data encryption, RSA Key exchange
• Operating Temperature	-30°C ~ +55°C
• Proof Level	IP65
• Working Hours (Internal Power Supply)	Communicating ≥ 3.5 hours, Standby ≥ 12 hours
• External Power Supply	24V DC

