

Flexible-Use

SATCOM Router



BWR200A/300A SATCOM Router can be used to connect ground network via the satellite channels established with control center. Its dimension and usage method are similar to normal household router. Only by connecting computers or mobile phones to its RJ45 interface or Wi-Fi, users can get access to the Internet. Because of its compact size, it can be easily integrated with portable, vehicle-borne or ship-borne antenna to form a complete SATCOM terminal.

BWR200A/300A SATCOM Router	Common SATCOM Router
<ul style="list-style-type: none"> • Built-in Wi-Fi, easy to use 	<ul style="list-style-type: none"> • Wired interface only
<ul style="list-style-type: none"> • Mobile APP control 	<ul style="list-style-type: none"> • Panel or Web control
<ul style="list-style-type: none"> • Small size, easily integrated 	<ul style="list-style-type: none"> • Placed outside antenna
<ul style="list-style-type: none"> • IIPR & Strong Customizability 	<ul style="list-style-type: none"> • Lack of core technology

Technical Parameter

BWR200A SATCOM Router

• Dimension	225mm × 161mm × 44mm
• Weight	1kg
• Working Frequency	950MHz ~ 1450MHz
• Data Rate	16Kbps ~ 4Mbps
• Signal System	FDMA/SCPC
• Modulation	QPSK, 8PSK
• Coding	LDPC
• Threshold Eb/N0	3.5dB
• Bit Error Rate	≤10 ⁻⁶
• Output Level	No less than -40dBm ~ -5dBm
• Output Spurious	Better than -55dBc/4kHz
• Harmonic Suppression	≥ 35dB
• Carrier on-off Ratio	≥ 60dB
• Intermodulation Distortion IM3	≥ -40dBc
• Data Interface	RJ45, Wi-Fi
• Data Security (Optional)	AES data encryption, RSA Key exchange
• Operating Temperature	-40°C ~ +55°C
• Operating Humidity	0 ~ 95%
• Altitude	≤ 5000m
• Power Consumption	≤ 40W
• External Power Supply	12V DC, 220V AC (Adapter Used)

