

## 技术规格

Radio	
Frequency Bands	5.150 –5.850 GHz
Channel widths supported	5/10/20/40 MHz
Capacity	245 Mbps
Duplex Technique	TDD
SyncMaster Support	Yes
Trinity Multipoint support	Yes
Modulation	OFDM PSK/QPSK/16QAM/64QAM
Max Tx Power	25 dBm
Max Rx sensitivity	-97 dBm
Error Correction	FEC; k=1/2,2/3,3/4, 5/6
Encryption	64 and 128 bit WEP encryption, WPA , WPA2 with TKIP or CCMP/AES Chiper
Surge Protection	15kV
Antenna Protection	Internal DC Grounding
DFS	Yes
QoS	Four Access Categories (AC) Voice, Video, Best Effort, and Background Traffic classification according to WMM
External Antenna	
Connector:	N female
Ethernet Interface	
Type	10/100/1000 BaseT Interface with Auto-negotiation (IEEE 802.3), Manual
Number of Ethernet Ports	1
Framing/Coding	IEEE 802.3u
Traffic Handling	MAC layer bridging, self-learning 802.1q transparent
VLAN ID for Management	Supported
Power over Ethernet	48V DC, 802.3af, <6W typical
Connector	RJ-45
Management	
Management	Web interface
NMS Application	RCS (Repeatit NMS)
Tools in web interface	Spectrum Analyser
Environment	
IP Code	IP67 (offshore IP68 optional availability)
Temperature	-40° / +55° C
Size	284 × 174 × 81 mm
Weight per unit	2.0 Kg

## Trinity 300:

Repeatit Trinity 300 是一款高性能无线网桥, 支持 Repeatit Cloud 云管理系统, 适用于 PtP (点对点)和 PtF (点对多点)无线桥接传输. Trinity 300 采用外接天线方式, 通常用于城市和农村的长距离无线传输应用。

