

## Technical Specifications:

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
Temperature	-40° / +55° C
Size	284 × 174 × 81 mm
Weight per unit	2.0 Kg

## About Trinity 300:

The Repeatit Trinity 300 is a high performance, connectorized PtP (point to point) & PtF (point to few) transparent bridge that is managed by the Repeatit Cloud ecosystem. The Trinity 300 supports external antennas and is often used in long distance urban & rural, environments.

