

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	128 bit AES & MAC level Authentication
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
Bandwidth control	Yes
Inbuilt Antenna	
Gain, typ.	16 ± 1 dBi
VSWR	1.7 : 1
3 dB Beam-Width, H-Plane, typ.	90°
3 dB Beam-Width, E-Plane, typ.	8°
Polarization	Dual, Vertical and Horizontal
F/B Ratio	ETSI, TS3, TS4, TS5
Cross Polarization, max	-25 dB
Port to Port Isolation	-30 dB
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
Data Latency	2-4ms (3ms typical)
Packets/second	> 40 000
VLAN ID for Management	Supported
Power over Ethernet typical	48V DC, 802.3af, <6W
Connector	RJ-45
Management	
Link Management	Web interface
NMS Application	Repeatit Cloud Network RCS Management Service
Tools in web interface	Spectrum Analyser Speed Test
Environment	
IP Code	IP67 (offshore IP68 optional availability)
Temperature	-40° / +55° C
Size	370 x 370 x 95 mm
Wind speed survival	200 km/h
Weight per unit	4 Kg

About Trinity 340:

The Repeatit Trinity 340 is a single-radio high performance, Point to Multipoint Base Station. Due to its single radio & high quality 16dBi antenna, the BS340 is optimised for high capacity short - medium distance multipoint environments..

