

Technical Specifications:

Radio		Dual radio
Frequency Bands		5.150 – 5.845 GHz
Channel widths supported		5/10/20/40 MHz
Capacity		380Mbps
Modulation		OFDM, BPSK/QPSK/16QAM/64QAM
Max Tx Power		23 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
Security		RCS and/or MAC level Authentica-tion
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
Internal Antenna		
Gain		16 dBi minimum
VSWR		2:1 (max) 1.7:1 (typ)
Azimuth Beam Width		Port V, 90°(typ) at 11dBi Gain Port H, 90°(typ) at 10dBi Gain
3 dB Beam-Width		8° (typ)
Polarization		Dual Linear Vertical + Horizontal
Cross polarization		-25dB (typ), -15dB (max)
F/B Ratio		25 dB (min)
Port to port isolation		30dB (min)
External Antenna		
Connector		2 x N-female (2x2 MIMO)
Ethernet Interface		
Type		10/100/1000BaseT Interface with Auto-negotiation (IEEE 802.3)
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 or passive PoE <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		370 x 370 x 40 mm
Weight per unit		3.7 Kg

About Infinity BS342:

The Repeatit Infinity BS342 is a dual-radio high performance, Point to Multipoint Base Station. Due to it's single radio & high quality 16dBi antenna, the BS342 is optimised for high capacity & density environments. An additional antenna can be added into the 2 N-female connctetors that are at the bottom of the BS342.

