技术规格

Radio	
Frequency Bands	4.9 –6.0 GHz (restricted by country of operation)
Channel widths supported	20/40/80 MHz
PHY rate	867 Mbps
Data throughput	Up to 700 Mbps
Latency	1-4ms (1ms typical)
Modulation and coding	OFDM BPSK/QPSK/16QAM/64QAM/256QAM
Max output power (two chains)	30 dBm
Sensitivity (BPSK modulation)	-93dBm @20MHz -90dBm @40MHz -87dBm @80MHz
Security	AES-128 and TKIP encryption, MAC filtering
DFS support	Yes
QoS	Four configurable classes
NoiseRobust feature	Supported
Link Auto-Tuning	Auto power and auto-channel
Antenna	
Gain	24 ± 1 dBi
MIMO	2x2:2
VSWR	1.7 : 1
Beam width (@3dB)	8° (V-pol and H-pol)
Dual slant mounting option	Yes (plus/minus 45°)
Polarization	Dual Linear (Vertical and Horizontal)
F/B Ratio	ETSI, TS3, TS4, TS5
Cross Polarization	max 25 dB
Port to Port Isolation	30 dB
Antenna alignment	Diodes, Buzzer and via web GUI
Ethernet Interfaces and power	
Number of electrical GbE ports	2 (one WAN port, one PoE LAN port)
Radio unit powering	<18W, 802.3af/at or passive PoE min 36V
PoE out support	10/100/1000 Electrical Ethernet, 802.3af compatible
Ethernet port protection	IEC 61000-4-2, IEC 61000-4-4, IEC 61000-4-5
Management VLAN	Supported
Management	
Node Management	Web interface
Management system	Repeatit Cloud Network
Environment	
IP rating	IP67 (offshore IP68 optionally available)
Operating Temperature	-50°C to +90° C
Storage Temperature	-65˚C to 150˚C
Operating humidity	0-96% condensing
Shock & Vibration	ETS 300-019-2-4 class 4M5
Wind speed	200 km/h
Size	370 × 370 × 95 mm
Weight per unit	4.0 Kg
Antenna Protection	Internal DC Grounding

Trinity 823

Repeatit Trinity 823 是一种高性能无线网桥，提供高速 PTP（点到点）无线传输链路，以及高达 700 Mbps 的数据吞吐量。

Trinity 823 的无线电功率高达 30dBm，集成高品质的 24dBi 高增益天线，以及 Repeatit 独特的 NoiseRobust 功能，Trinity 823 非常适合各种距离的高带宽无线传输应用，可在恶劣及嘈杂的环境中提供最佳的传输链路。两个集成的千兆以太网端口（其中一个是 PoE 输出），免费的 Repeatit Cloud 云管理系统，4.9-6.0GHz 宽频率范围和 IP-67 防护等级，这些都是 Trinity 823 提供的突出性能。