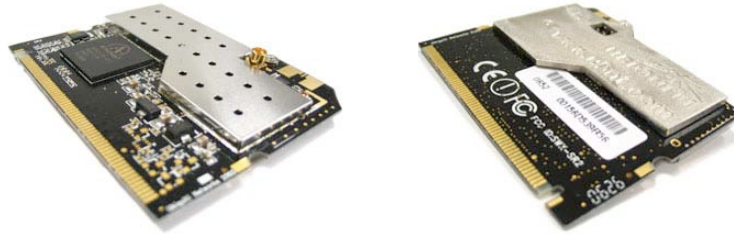




SUPER RANGE 2

Powerful Range and Throughput Performance for Wi-Fi Networks



CARD INFORMATION							
Chipset	Atheros, 4th Generation, AR5213						
Radio Operation	IEEE 802.11b/g, 2.4GHz						
Interface	32-bit mini-PCI Type IIIA						
Operation Voltage	3.3VDC						
Antenna Ports	u.fl (main), MMCX (secondary)						
Temperature Range	-40C to +80C						
Security	WPA, WPA2, AES-CCM & TKIP Encryption, 802.1x, 64/128/152bit WEP						
Data Rates	6Mbps, 9Mbps, 12Mbps, 24Mbps, 36Mbps, 48Mbps, 54Mbps						
TX Channel Width Support	5MHz / 10MHz / 20MHz / 40MHz						
RoHS Compliance	YES						
REGULATORY INFORMATION							
Wireless Modular Approvals	FCC Part 15.247, CE(100mW limited)						
RADIO OPERATING FREQUENCY 2412-2462 MHz (2312-2732 MHz*)							
TX SPECIFICATIONS		RX SPECIFICATIONS					
802.11b	DataRate	TX Power	Tolerance				
	1Mbps	26 dBm	+/-1dB				
	2Mbps	26 dBm	+/-1dB				
	5.5Mbps	26 dBm	+/-1dB				
11Mbps	26 dBm	+/-1dB	802.11b	DataRate	Sensitivity	Tolerance	
1Mbps	-97 dBm	+/-1dB					
2Mbps	-96 dBm	+/-1dB					
5.5Mbps	-95 dBm	+/-1dB					
802.11g OFDM	6Mbps	26 dBm	+/-1dB	802.11g OFDM	6Mbps	-94 dBm	+/-1dB
	9Mbps	26 dBm	+/-1dB		9Mbps	-93 dBm	+/-1dB
	12Mbps	26 dBm	+/-1dB		12Mbps	-91 dBm	+/-1dB
	18Mbps	26 dBm	+/-1dB		18Mbps	-90 dBm	+/-1dB
	24Mbps	26 dBm	+/-1dB		24Mbps	-86 dBm	+/-1dB
	36Mbps	24 dBm	+/-1dB		36Mbps	-83 dBm	+/-1dB
	48Mbps	22 dBm	+/-1dB		48Mbps	-77 dBm	+/-1dB
	54Mbps	21 dBm	+/-1dB		54Mbps	-74 dBm	+/-1dB
ADJUSTABLE CHANNEL SIZE SUPPORT (Increase Channel Capacity or Increase Throughput)							
5MHz	10MHz	20MHz	40MHz (Turbo)				
CURRENT CONSUMPTION INFORMATION							
TX CURRENT CONSUMPTION		RX CURRENT CONSUMPTION					
802.11b	DataRate	Current	Tolerance				
	1Mbps	1.10 A	+/-100mA				
	2Mbps	1.10 A	+/-100mA				
	5.5Mbps	1.10 A	+/-100mA				
11Mbps	1.10 A	+/-100mA	802.11b	DataRate	Sensitivity	Tolerance	
1Mbps	350 mA	+/-100mA					
2Mbps	350 mA	+/-100mA					
5.5Mbps	350 mA	+/-100mA					
802.11g OFDM	6Mbps	1.10 A	+/-100mA	802.11g OFDM	6Mbps	350 mA	+/-100mA
	9Mbps	1.10 A	+/-100mA		9Mbps	350 mA	+/-100mA
	12Mbps	1.10 A	+/-100mA		12Mbps	350 mA	+/-100mA
	18Mbps	1.10 A	+/-100mA		18Mbps	350 mA	+/-100mA
	24Mbps	1.10 A	+/-100mA		24Mbps	350 mA	+/-100mA
	36Mbps	1.00 A	+/-100mA		36Mbps	350 mA	+/-100mA
	48Mbps	0.90 A	+/-100mA		48Mbps	350 mA	+/-100mA
	54Mbps	0.80 A	+/-100mA		54Mbps	350 mA	+/-100mA
RANGE PERFORMANCE							
Indoor (Antenna Dependent):	Up to 200meters						
Outdoor (Antenna Dependent):	Over 50km						
DRIVER INFORMATION							
Operating System Support	Linux MADWIFI, WindowsXP, Windows2000						
Advanced Mobility / QuickHandoff	WindowsXP/2000 Utility with Enhanced Mobility Driver from Ubiquiti						
Cisco Support	CCX 4.0 Supported Driver/Utility also available from Ubiquiti						
For help with MADWIFI or other Special Driver Support, Please e-mail support@ubnt.com							