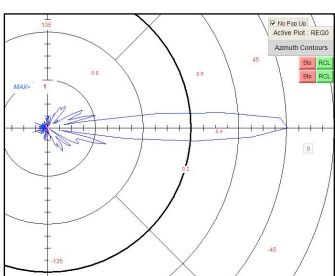




SYSTEM INFORMATION			
Processor Specs	Atheros AR2313 SOC, MIPS 4KC, 180MHz		
Memory Information	16MB SDRAM, 4MB Flash		
Networking Interface	10/100 BASE-TX (Cat. 5, RJ-45) Ethernet Interface		
REGULATORY / COMPLIANCE INFORMATION			
Wireless Modular Approvals	FCC Part 15.247, IC RS210, CE		
RoHS Compliance	YES		
RADIO OPERATING FREQUENCY 5.15-5.850GHz			
TX SPECIFICATIONS		RX SPECIFICATIONS	
	DataRate	Avg.Power	Tolerance
<b>802.11a OFDM</b>	6Mbps	26 dBm	+/-1.5dB
	9Mbps	26 dBm	+/-1.5dB
	12Mbps	26 dBm	+/-1.5dB
	18Mbps	26 dBm	+/-1.5dB
	24Mbps	26 dBm	+/-1.5dB
	36Mbps	24 dBm	+/-1.5dB
	48Mbps	23 dBm	+/-1.5dB
	54Mbps	21 dBm	+/-1.5dB
	DataRate	Sensitivity	Tolerance
<b>802.11a OFDM</b>	6Mbps	-94 dBm	+/-1.5dB
	9Mbps	-93 dBm	+/-1.5dB
	12Mbps	-91 dBm	+/-1.5dB
	18Mbps	-90 dBm	+/-1.5dB
	24Mbps	-86 dBm	+/-1.5dB
	36Mbps	-83 dBm	+/-1.5dB
	48Mbps	-77 dBm	+/-1.5dB
	54Mbps	-74 dBm	+/-1.5dB
ADJUSTABLE CHANNEL SIZE SUPPORT			
5MHz	10MHz	20MHz	40MHz*
RANGE PERFORMANCE			
Outdoor (BaseStation Antenna Dependent):			Over 50km
ANTENNA INFORMATION			
Gain	22dBi (5300-5900MHz)		
Polarization	Vertical		
3dB Beamwidth	10 Degrees		
Survival Wind	185km/hr		
VSWR	2:01		
Impedance	50 ohm		
Front to Back Ratio	30dB+		
			
<b>Polar Plot H-Plane</b>			
PHYSICAL / ELECTRICAL / ENVIRONMENTAL			
Enclosure Size	18 in. length x 13 in. height x 2in. Width		
Weight	3.7 lbs		
Enclosure Characteristics	Outdoor UV Stabilized Plastic (Antenna) and die cast metal (system)		
Mounting Kit	Pole Mounting Kit included		
Max Power Consumption	6.5 Watts		
Power Supply	12V, 1A (12 Watts). Supply and injector included		
Power Method	Passive Power over Ethernet (pairs 4,5+; 7,8 return)		
Operating Temperature	-40C to 85C (System optimized for hi-temp)		
Operating Humidity	5 to 95% Condensing		
Shock and Vibration	ETSI300-019-1.4		
SOFTWARE INFORMATION			
Modes	Station, StationWDS, AP Bridge		
Tested Compatibility	Mikrotik, StarOS, Ikarus, MADWIFI		
Services	SNMP, DHCP, NAT		
Utilities	Antenna Alignment tool, Discovery Utility		
Distance Adjustment	CTS/RTS, ACK Timeout, Fragmentation Threshold		
Power Adjustment	8-26dBm (1dB steps)		
Utilities	Site Survey with preferred ESSID, Antenna Alignment tool, Discovery Utility		
Security	WEP/WPA		
QOS	802.11e / WMM Support		
Statistical Reporting	Ethernet active, uptime, packet success/errors		
Other	Logo / Link Customization		
Security	WEP/WPA		
Atheros Specific Features	5/10/20 MHz Channels, Fast Frames, Compression, Super Frames		
<b>Software feature list constantly evolving, please visit <a href="http://www.ubnt.com">www.ubnt.com</a> for latest information</b>			