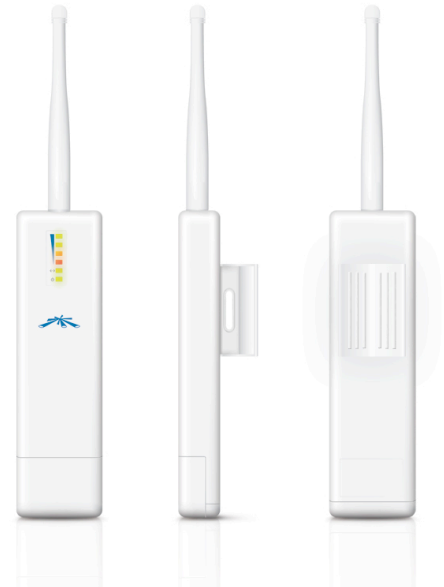
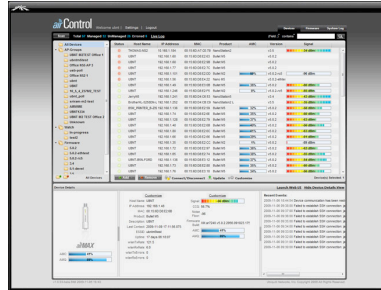


## PicoStation M2-HP 2.4GHz Hi Power 802.11N Outdoor Radio System

World's Smallest and Most Powerful Outdoor WiFi AP



SYSTEM INFORMATION			
Processor Specs	Atheros MIPS 24KC, 400MHZ		
Memory Information	32MB SDRAM, 8MB Flash		
Networking Interface	1 X 10/100 BASE-TX (Cat. 5, RJ-45) Ethernet Interface		
REGULATORY / COMPLIANCE INFORMATION			
Wireless Approvals	FCC Part 15.247, IC RS210, CE		
RoHS Compliance	YES		
OPERATING FREQUENCY 2412MHz-2462MHz			
TX POWER SPECIFICATIONS			
11g	DataRate	Avg. TX	Tolerance
	1-24Mbps	28 dBm	+/-2dB
	36Mbps	27 dBm	+/-2dB
	48Mbps	26 dBm	+/-2dB
Airmax 11n	54Mbps	24 dBm	+/-2dB
	MCS0	28 dBm	+/-2dB
	MCS1	28 dBm	+/-2dB
	MCS2	28 dBm	+/-2dB
	MCS3	28 dBm	+/-2dB
	MCS4	27 dBm	+/-2dB
	MCS5	25 dBm	+/-2dB
	MCS6	24 dBm	+/-2dB
MCS7	23 dBm	+/-2dB	
RX SPECIFICATIONS			
11g	DataRate	Sensitivity	Tolerance
	1-24Mbps	-97 dBm min.	+/-2dB
	36Mbps	-80 dBm	+/-2dB
	48Mbps	-77 dBm	+/-2dB
Airmax11n	54Mbps	-75 dBm	+/-2dB
	MCS0	-96 dBm	+/-2dB
	MCS1	-95 dBm	+/-2dB
	MCS2	-92 dBm	+/-2dB
	MCS3	-90 dBm	+/-2dB
	MCS4	-86 dBm	+/-2dB
	MCS5	-83 dBm	+/-2dB
	MCS6	-77 dBm	+/-2dB
MCS7	-74 dBm	+/-2dB	
ANTENNA & RANGE PERFORMANCE			
RP-SMA Antenna Included	Outdoor Omni-directional. 6dBi		
Indoor/Outdoor Range	Over 200m / 500m		
PHYSICAL / ELECTRICAL / ENVIRONMENTAL			
Enclosure Size	13.6 cm. length x 2.0 cm. height x 3.9cm. width		
Weight	0.10kg		
Enclosure Characteristics	Outdoor UV Stabilized Plastic		
Max Power Consumption	8 Watts		
Power Rating	Up to 24V. POE Supply included		
Power Method	Passive Power over Ethernet (pairs 4,5+; 7,8 return)		
Operating Temperature	-20C to +70C		
Operating Humidity	5 to 95% Condensing		
Shock and Vibration	ETSI300-019-1.4		