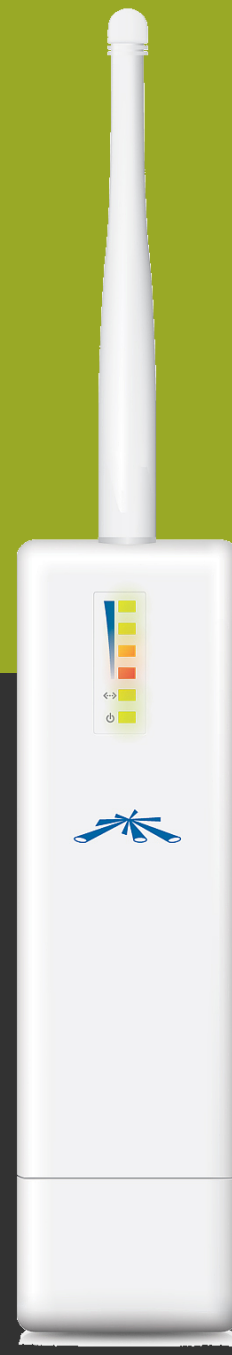


# Product datasheet



## PicoStation 2



# Technical product datasheet

## PicoStation 2

SYSTEM INFORMATION							
Processor Specs	Atheros MIPS 4KC, 180MHz						
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						
RADIO OPERATING FREQUENCY 2412-2462 MHz							
TX SPECIFICATIONS			RX SPECIFICATIONS				
	DataRate	TX Power	Tolerance		DataRate	Sensitivity	Tolerance
802.11b	1Mbps	20 dBm	+/-1dB	802.11b	1Mbps	-95 dBm	+/-1dB
	2Mbps	20 dBm	+/-1dB		2Mbps	-94 dBm	+/-1dB
	5.5Mbps	20 dBm	+/-1dB		5.5Mbps	-93 dBm	+/-1dB
	11Mbps	20 dBm	+/-1dB		11Mbps	-90 dBm	+/-1dB
802.11g OFDM	6Mbps	20 dBm	+/-1dB	802.11g OFDM	6Mbps	-92 dBm	+/-1dB
	9Mbps	20 dBm	+/-1dB		9Mbps	-91 dBm	+/-1dB
	12Mbps	20 dBm	+/-1dB		12Mbps	-89 dBm	+/-1dB
	18Mbps	20 dBm	+/-1dB		18Mbps	-88 dBm	+/-1dB
	24Mbps	20 dBm	+/-1dB		24Mbps	-84 dBm	+/-1dB
	36Mbps	18 dBm	+/-1dB		36Mbps	-81 dBm	+/-1dB
	48Mbps	16 dBm	+/-1dB		48Mbps	-75 dBm	+/-1dB
	54Mbps	15 dBm	+/-1dB		54Mbps	-72 dBm	+/-1dB
ADJUSTABLE CHANNEL SIZE SUPPORT							
5MHz		10MHz		20MHz			
ANTENNA & RANGE PERFORMANCE							
RP-SMA Antenna Included	Outdoor Omni-directional. 6dBi (U.S.), 0dBi (EU Version)						
Indoor/Outdoor Range	Over 50m / 150m						
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	4 Watts						
Power Rating	12V, 1A (12 Watts). Supply and injector 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						



## About Ubiquiti Networks

Ubiquiti Networks, Inc. provides various networking products and solutions for service providers and enterprises in the United States and internationally. Its products and solutions include high performance radios, antennas, software, communications protocols, and management tools that are designed to deliver carrier and enterprise class wireless broadband access and other services primarily in the unlicensed RF spectrum.