

PXGEO20+5 5GHz Outdoor Wireless



System

CPU	AR9342
CPU frequency	600MHz
CPU core count	1
Architecture	MIPS
Size of RAM	64MB
Storage size	128MB (NAND)
Operating System	RouterOS (License level: 3)
Wireless standards	802.11a/n
Number of chains	2
Output Power	max 1W

Antenna

Frequency Range	4.94-5.875 GHz
Gain	19.5dBi (typical)
Polarization	Dual Linear – Vertical and Horizontal
3dB Beamwidth Vertical/ Horizontal	17 degrees/ 17 degrees
VSWR 4.94-4.99GHz	≤1.5:1 typ, ≤2.0:1 max
5.15-5.875GHz	≤1.5:1 typ, ≤1.7:1 max
Port to Port Isolation	≤25 dB
Front-to-Back Ratio	≤35 dB
Cross Polarization	≤30 dBi
Backplane	Aluminum
Radome	UV stabilized ABS plastic,

Electrical characteristics

Power Supply	24V Passive PoE (NOT 802.3af/at)
Max Power consumption	11W
Network Interface	10/100/1000 Ethernet ports
ESD/EMP Protection	16KV ESD

Physical characteristics

Mounting	Pole-Mount 2.5cm to 7.6cm
Operating temperature range	-40°C .. +65°C
Environmental	IP 67
Operating Humidity	5 to 95% Noncondensing
Wind Survivability	201kph
Wind Load	0.069m ²
Length x Width x Depth, weight	26.4 x 26.4 x 11cm, 2kg *

Order Information

Product Code	Description
PXGEO20+5	5 GHz Outdoor Wireless Radio Head

Redefining wireless

* values / end

