

PXGEO205 Outdoor Wireless



Wireless

WLAN standard	IEEE 802.11 a/n, iPoll (proprietary)
Radio mode	MIMO 2x2
Radio frequency band	5.150 - 5.850 GHz (FCC 5.150 - 5.250 and 5.725 - 5.850 GHz)
Transmit power	Up to 29 dBm (country dependent)
Receive sensitivity	Varying between -97 and -75 dBm depending on modulation
Channel size	5,10, 20, 40 MHz
Modulation schemes	802.11 a/n: OFDM (64-QAM, 16-QAM, QPSK, BPSK)
Data rates	802.11 n: 300, 270, 240, 180, 120, 90, 60, 30 Mbps 802.11 a: 54, 48, 36, 24, 18, 12, 9, 6 Mbps
Error correction	FEC, Selective ARQ
Duplexing scheme	Time division duplex

Antenna

Type, Gain	Integrated dual-polarized directional panel antenna, 20 dBi
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Software

Wireless operating modes	Access point (auto WDS), access point (iPoll 2), station (WDS, iPoll 2)
Wireless techniques	Smart station polling, smart auto-channel, adaptive auto modulation, automatic transmit power control (ATPC)
Wireless security	WPA/WPA2 personal, WPA/WPA2 enterprise, WACL, user isolation
Wireless QoS	4 queues prioritization on iPoll 2
Network operating modes	Bridge, router IPv4, router IPv6
Network techniques	Routing with and without NAT, VLAN
WAN protocols	Static IP, DHCP client, PPPoE client
Services	DHCP server, SNMP server, NTP client, router advertisement daemon
Management	HTTP(S) GUI, SSH, SNMP read, WNMS, Telnet
Tools	Site survey, link test, antenna alignment

Physical

Dimensions (head)	Length 205 mm (8"), width 205 mm (8"), height 45 mm (1.7") *
Weight	700 g (24.7 oz) *
Mounting	Combination wall / pole mount bracket included

Power, Interface

Power supply	12 - 24 VDC passive PoE (24 V passive PoE adapter is included)
Power source	100 - 240 VAC
Power consumption (max)	4.5 W
Interface	10/100 Base-T, RJ45

Management

System monitoring	SNMP v1/2c/3 server, Syslogs, system alerts via e-mail and SNMP trap
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Order Information

Product Code	Description
PXGEO205	5 GHz Outdoor Radio Link (2 radio heads)

Redefining wireless

* values / end

