



## INTELLIGENT ACCESS POINT

### PIAP-11N-S-48-C

Pronto Intelligent Access Point is a best-in-class 802.11n indoor access point designed specifically for business-class environments such as hotels, airports, coffee shops, shopping centers, sporting venues, and university campuses. It has transfer rates of up to 300Mbps in the 2.4 GHz frequency range. Integrated 802.3af Power over Ethernet (PoE) allows hassle-free installation where power outlets are not readily available. The built-in, highly powerful 2X2 multiple-input, multiple-output (MIMO) antennae improves range and maximizes data rates. The device provides coverage for 16-20 hotel rooms at an indoor operating distance of 40-50 meters, allowing up to 30 concurrent users to access internet simultaneously. PIAP is a plug and play Wi-Fi device that works with the Pronto Cloud Controller (PCC) to bring auto-detection, auto-configuration and auto-provisioning capabilities to complex enterprise Wi-Fi networks.



(866) 591-8989



[info@prontonetworks.com](mailto:info@prontonetworks.com)



[www.prontonetworks.com](http://www.prontonetworks.com)



1966 Tice Valley Blvd  
#411, Walnut Creek, CA  
94595

## STYLISH CEILING MOUNT DESIGN

The stylish Pronto Intelligent AP can be easily installed on a wall or ceiling without disturbing interiors. Its circular design looks compact and attractive, blending easily with all types of interior architecture.

## COMPLETE COVERAGE

Pronto Intelligent AP ensures optimal coverage and signal penetration through the built-in high performance 2PCS Omni Airgain 5dbi antenna.

## POWER OVER ETHERNET

Pronto Intelligent AP has integrated 802.3af/at Power over Ethernet (PoE) for easy installation. This will reduce installation cost, where power outlets are not readily available.

## PRODUCT HIGHLIGHTS

- ▶ 300 Mbps throughput
- ▶ High power, Long Range
- ▶ SSID to VLAN Mapping
- ▶ Cloud based Monitoring
- ▶ 802.3af PoE
- ▶ SNMP Monitoring
- ▶ High power in-built antenna

Hardware	
<b>RF</b>	2T2R, 300Mbps MIMO tech , comply with IEEE 802.11N standard IEEE 802.3af/at
<b>Interface</b>	2 x RJ-45 for 10/100 Mbps WAN/LAN Port (Support 48V POE) 1 x Reset button(Reset & Factory Defaults) 1 x Power DC Jack
<b>Power</b>	PoE: 48V/1A; DC: 12V/1A; 110V/220V
<b>Antenna</b>	Build in 2PCS Omni Airgain 5dbi antenna
<b>Size</b>	16.8*4.5CM

RF			
<b>Frequency</b>	<b>802.11b/g/n:</b> 2.4~2.4835GHz U.S. , Europe and Japan product covering 2.400 to 2.4835 Hz, programmable for different country regulations		
<b>Modulation</b>	OFDM = BPSK,QPSK, 16-QAM, 64-QAM DSSS = DBPSK, DQPSK, CCK		
<b>Throughput</b>	300 Mbps		
<b>Sensitivity</b>	<b>802.11n(2.4GHz):</b> -90dBm @ MCS0 -70dBm @ MCS7 -90dBm @ MCS8 -68dBm @ MCS15	<b>802.11g:</b> - 90dBm @ 6Mbps - 72dBm @ 54Mbps	<b>802.11b:</b> - 95dBm @ 1Mbps - 90dBm @ 11Mbps
<b>Output Power</b>	<b>802.11n (2.4GHz)(± 1.5dBm):</b> 29dBm@ MCS0~2/ MCS8~10 28dBm @ MCS3/MCS11 27dBm @ MCS4/MCS12 25dBm @ MCS5/MCS13 25dBm @ MCS6/MCS14 24dBm @ MCS7/MCS15	<b>802.11g (± 1.5dBm):</b> 29dBm @ 6~24Mbps 28dBm @ 36Mbps 27dBm @ 48Mbps 25dBm @ 54Mbps	<b>802.11b (±1.5dBm):</b> 29dBm @1~11Mbps

Software	
<b>Protocol/Standard</b>	IEEE 802.3(Ethernet) IEEE 802.3u(Fast Ethernet) IEEE 802.11b/g/n(2.4G WLAN)
<b>Wireless</b>	Auto-Channel selection Distance Control (802.1x Ack timeout) Multiple SSID (8 SSID) BSSID
<b>VLAN</b>	VLAN tag on SSID, 801.1q standard
<b>Security</b>	WEP Encryption-64/128/152 bit WPA/WPA2 Personal (WPA-PSK using TKIP or AES) WPA/WPA2 Enterprise (WPA-EAP using TKIP) Hide SSID

Management	
<b>System Settings</b>	Web-based configuration
<b>Cloud Management</b>	Zero touch provisioning, Monitoring, Reporting
<b>Firmware Upgrade</b>	Upgrade firmware via web browser or TFTP
<b>Administration</b>	Admin Password can be configured
<b>System monitoring</b>	Watch dog, Status in hand , useful statistic and Event log
<b>SNMP</b>	Monitoring device through SNMP
<b>Logs</b>	Supports local logs, logs host, logs file export
<b>Reset</b>	Reset or factory defaults
<b>Backup</b>	Restore settings & configuration of the device to local file Scheduled reboot

Physical Property	
<b>Temperature</b>	Working: 0°C~55°C Storage: -20°C to 70°C
<b>Humidity</b>	5%~95% (typical)

Certification	
<b>FCC</b>	Ready
<b>CE</b>	Ready