

CARRIER GRADE ACCESS POINT WITH ANTENNA

PIAP-11AC-D-480-E

The Pronto Intelligent Access Point PIAP-11AC-S5-480 is a carrier grade 2x2 dual concurrent band 802.11ac Cloud Access Point designed for high user density environments. The PIAP-11AC-S5-480 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 outdoor Wi-Fi networks. PIAP-11AC-D-480-E has data transfer rates of up to 1.2 Gbps in the 2.4/5 GHz frequency band and has a coverage distance of up to 3 KM. Its long distance PoE allows for hassle-free installation where power outlets are not readily available. Rugged outdoor wireless LAN capabilities facilitate fast, simple and economically feasible networking solutions for various deployment scenarios

TOUGH AND RUGGED

PIAP-11AC-D-480-E is designed for harsh conditions, completely waterproof and has operation temperature of -45C to +65C

SUPERIOR CLOUD MANAGED WI-FI

Manage and configure your Wi-Fi while on the go. The PIAP-11AC-D-480-E access points come cloud enabled and provides easy visibility of your Wi-Fi network from an intuitive web interface. Remain in control of your network with SMS and email alerts for predefined events, monitor your network and update network policies and integrate monetization services. Do all this and more without any need for expensive controllers or dedicated onsite technical staff. No games, just superior Wi-Fi

PRODUCT HIGHLIGHTS

- ▶ IEEE 802.11ac 5 GHz 2x2 MIMO that supports up to 1.2 Gbps
- ▶ 50% increased range when compared to other carrier grade 802.11n devices
- ▶ Supports 32 SSIDs and 256 concurrent users
- ▶ Cloud based Monitoring and Management
- ▶ Carrier grade design



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Physical Specifications	
Dimension	270 mm x 118 mm x 70mm
Weight	0.6 Kg
Installation	Pole, Wall Mounted
LEDs	PWR, LAN, Wireless signal strength
Safety	FCC, CE, UL

Antenna Pattern	
5 GHz	5.15 ~ 5.875 16dBi. Horizontal: 30 degree, Vertical: 18 degree Dual Polarization

Wi-Fi and Ethernet	
Operating Mode	AP, Station+AP, WDS Bridge
Compliance	802.11ac, 802.11b/g/n 2x2 MIMO
Operating Frequency	(5.150 ~ 5.250, 5.250 ~ 5.350, 5.470 ~ 5.725, 5.725 ~ 5.875)
Maximum transmit power	5GHz: 27dbM
Ethernet Interface	10/100/1000 Base-T interface MDI/MDIX auto-sense. 802.3af POE
802.11g Receive Sensitivity	-91dbM@6Mbps, -77dbM@54Mbps
802.11n Receive Sensitivity	MCS0/8/16: -91dbM (HT20), -88dbM (HT40) MCS7/15: -74dbM (HT20), -71dbM (HT40)
802.11a Receive Sensitivity	-93dbM at 6Mbps, -77dbM at 54Mbps
802.11ac Receive Sensitivity	MCS0: -91dbM(VHT20), -88dbM(VHT40), -85dbM(VHT80) MCS8: -70dbM(VHT20) MCS9: -64dbM(VHT40), -61dbM(VHT80)