



# ProntoPoint 802.11n PN-PPSC-A-10

## Technical Specifications - Part Number: PN-CPP-L1410-S



Standard	2.4GHz unlicensed ISM radio band	
Frequency band	2.4 – 2.4835GHz	
Wireless LAN	802.11 b/g/n *	
Data rate	IEEE 802.11b with fallback rates of 11, 5.5, 2, 1Mbps	
	IEEE 802.11g with fallback rates of 54,48,36,24,18,12,9,6 Mbps	
	IEEE 802.11n - 150 Mbps in 20 MHz mode *	
Power output	30 mW-100 mW <sup>(1)</sup>	
Range	300 feet <sup>(2)</sup>	
Antenna	Two 2dBi fixed antenna	
<b>Physical Specification</b>		
Dimension	275mm x 217mm x 58mm (HxWxD)	
Weight	210 gms	
<b>Operating Environment</b>		
Operating temperature	-20 C to 50 C	
Storage temperature	-30 C to 70 C	
Operating humidity	10% to 80%	
<b>Hardware Features</b>		
CPU	24K 384MHz MIPS based	
Memory	32 MB	
Flash ROM	4 MB	
<b>Power Supply</b>		
Type	9vDC – 1000mA	
<b>Interfaces</b>		
1 x 10/100 Mbps Ethernet ports for WAN connection 4 x 10/100 Mbps Ethernet ports for LAN connections		
<b>Key Features</b>		
IEEE 802.11b/g/n Access Point & Router Bandwidth management / QoS controls Remote management via SOAP Offline time out / Idle time out White listed sites Maximum concurrent users allowed – 10 Block internet LAN access IP spoofing check Prevent inter user communication Web configuration	Centralized remote updates Customizable login & registration portals Inter-WISP roaming Zero Configuration Auto Authentication for clients with URL preservation Short URL for logout WAN internet connection type DHCP / static IP / PPPoE / PPTP Access control list	
<b>Networking</b>		
DNS redirection DHCP server and client NAT (RFC 1631) with port forwarding Internet uplink (DHCP, static IP, PPPoE, PPTP) with auto-detection IP multicast QoS support (policy-based)	Internet uplink media (cable, DSL, satellite, leased lines) ICMP ARP DMZ port	

\* Default is 802.11 b/g. 11n will be available on additional license fee

<b>Security</b>	
Secure HTML login page (SSL) IP Routing with NAT, port-forwarding, firewall filters	64/128 bit RC4 WEP
<b>LED Indicators</b>	
Power, Diagnostic, LAN, WAN, WLAN	
<b>Management</b>	
Plug-n-play device (minimal configuration required in field) Web-based management via OSS Command Line Interface (CLI) Real-time session list	Transparent network connectivity for users regardless of static IP or DHCP User traffic accounting LAN Printer support Idle user monitoring
<b>User Authentication and Accounting</b>	
Login page based authentication MAC Id-based authentication Radius authentication LDAP authentication	Logout window timer control User monitoring (including with personal firewall) SMS authentication Both time and data based accounting
<b>Local Services Presentation</b>	
Customized login page	Walled garden
<b>Regulatory Approvals &amp; Certification</b>	
FCC tested to comply with FCC standards for home and office use	CE Mark
<b>Bandwidth</b>	
<b>Throughput for LAN:</b> TCP window size: 230K TCP throughput: on an average of 12Mbps <b>Throughput for WAN:</b> TCP window size: 230K TCP throughput: on an average of 9Mbps on Raline wireless card	LAN without SLA LAN with SLA and without QoS LAN with SLA and QoS WAN without SLA
<b>Miscellaneous</b>	
MTBF: 50,000 hours	
<b>Warranty</b>	
90 days	



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