

# ProntoPoint - SC PN-PPSC-A-1412-10

## Technical Specifications

Standard	2.4GHz unlicensed ISM radio band
Frequency band	2.4 – 2.4835GHz
Wireless LAN	802.11 b/g ,Support super G
Data rate	54Mbps with fallback rates of 11, 5.5, 2, and 1M bps
Power output	30 mW-100 mW <sup>(1)</sup>
Range	300 feet <sup>(2)</sup>
Antenna	2dBi detachable SMA antenna
<b>Physical Specification</b>	
Dimension	145mm x 132mm x 41mm (HxWxD)
Weight	260 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	4KC 173MHz MIPS based
Memory	32 MB
Flash ROM	4 MB
<b>Power Supply</b>	
Type	12vDC (Can Range from 24V to 48V)
<b>Interfaces</b>	
1 x 10/100 Mbps Ethernet ports for WAN connection 1 x 10/100 Mbps Ethernet ports for LAN connections	
<b>Key Features</b>	
IEEE 802.11b/g Access Point and Router Bandwidth management / QoS controls Remote management via SOAP/SSH 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 Access control list
<b>Networking</b>	
DNS redirection DHCP server and client NAT (RFC 1631) with port forwarding Internet uplink (DHCP, static IP, PPPoE) with auto-detection IP multicast QoS support (policy-based)	Internet uplink media (cable, DSL, satellite, leased lines) ICMP ARP DMZ port



<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 Atheros wireless card	LAN without SLV LAN with SLV and without QoS LAN with SLV and QoS WAN without SLV
<b>Miscellaneous</b>	
MTBF: 50,000 hours	
<b>Warranty</b>	
90 days	



Pronto Networks  
Corporate Headquarters  
4637 Chabot Drive, Suite 206  
Pleasanton, CA 94588  
925 227 5500

For more information:  
[www.prontonetworks.com](http://www.prontonetworks.com)  
[info@prontonetworks.com](mailto:info@prontonetworks.com)

## COMPLIANCE INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

### **FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.



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