

Networking

- Support IPv4 dual stack / IPv6
- Support Router, NAT mode
- Support static IP, DHCP, PPPoE, and PPTP on WAN
- Built-in DHCP Server and support DHCP Relay
- Support NAT:
 - (1) DMZ Server Mapping
 - (2) Public Accessible Server
 - (3) Port and IP Redirect
- Configurable static route
- Support email service via designated email server
- Support Walled Garden/ Walled Garden Ad List to post advertisement website links on user login portal page
- Support MAC Address Pass-Through
- Support account roaming
- IGMP Snooping

Security

- Support security standards: WEP (64/128/152 bits) and WPA-PSK TKIP & AES Cipher auto negotiation
- Support VPN Pass-Through (PPTP)
- Support Layer 2 isolation
- Layer 2/3 Firewall (incl. DoS Protection)
- IP/ MAC/ IPv6 privilege list
- Configurable user Black List
- LAN port mapping to Private Zone and Public Zone

User Management

- Support 500 local accounts
- Support 2000 on-demand accounts for visitors
- Support multi-level administrative management
- Simultaneous support for multiple authentication methods (Local, RADIUS*2, On-demand, and Free/Trial)
- Policy-based access control (per-role assignments based on Schedule Firewall Policies, Routing, Login Schedule, Bandwidth and Session)
- User Session Management:
 - (1) SSL protected login portal page
 - (2) Session idle timer
 - (3) Session and account expiration control
 - (4) Login time frame control
 - (5) Session limit
- Import/Export local and on-demand accounts

Monitoring and Reporting

- Online status monitoring of users
- Uplink (WAN) connection failure alert
- Support SYSLOG server for diagnosis and troubleshooting
- Support User Logs for traffic recording
- Support user traffic session (TCP/UDP) logging
- Http/Session/User/ Configuration Change/Traffic/... Logs

System Administration

- Web-based management UI
- Customizable login and logout portal page
- SSH remote management
- Remote firmware upgrade
- Console management
- NTP time synchronization
- Backup and restore the system configuration
- SNMP v1/v2c
- Press-n-Connect 4ipWES (Wireless Easy Setup)

Accounting and Billing

- Provide billing plans for On-demand accounts
- Four On-demand account types: Usage, Duration, Volume, and Hotel Cut-off
- Support ten Wireless Ticket Generators (WTGs)
- Session expiration control for On-demand accounts
- Detailed per-user traffic history based on time for both local and On-demand accounts
- Traffic history report in an automatic email to administrator
- Support credit card payment via external payment gateway (Authorize.Net, PayPal, SecurePay, WorldPay)
- Support RADIUS accounting
- Support RADIUS VSA for volume-based quota of an external RADIUS server
- On-demand account batch creation

- Send automatic e-mail to report User Log, On-demand User Log, On-Demand Billing Log and Monitor IP status respectively

Wireless Radio Specifications

- Wi-Fi standard: IEEE 802.11n/b/g in 2.4GHz frequency band
- Modulation: OFDM, DSSS, CCK
- Wireless Interface: 1 x 802.11 n/b/g (300/11/54 Mbps)
- 2 x 5dBi detachable (SMA Connector) replaceable Antenna
- RF output power: up to 100mW
- Number of multiple SSIDs: 2
- Number of WDS links: 2

Hardware Specifications

- Metal case compliant with IP50 Standard
- WAN Port: 1 x 10/100/1000 Base-T
- LAN Port: 4 x 10/100/1000 Base-T
- Console Port: 1 x DB9M
- USB Port: 1
- Quick Print Button x 1, WES Button x 1, Reset Button, x 1
- LED Indicators: 1 x Power, 1 x Status, 1 x WLAN, 1 x WAN, 4 x LAN, 1 x WES, 1 x USB

Physical and Power

- Power adaptor (included)
 - A. AC Input: 100~240 VAC, 50~60 Hz
 - B. DC Output: 5V, 2A
- Form factor: Wall Mountable
- Dimensions (W x D x H): 8.7" x 5.2" x 1.7"
(220 mm x 130 mm x 42 mm)
- Weight: 1.8 lbs (0.82 kg)

Environment

- Operation Temperature: -30 ~ 70 °C (-22 ~ 158 °F)
- Storage Temperature: -40 ~ 85 °C (-40 ~ 185 °F)
- Operation Humidity: 10% ~ 80% (Non-condensing)
- Storage Humidity: 5% ~ 90% (Non-condensing)

Certifications

- FCC, CE, RoHS compliant

Package Contents

- 4ipnet HSG260 x 1
- 4ipnet SDS200W x1
- 4ipnet PRT200 x 1
- CD-ROM (User's Manual and QIG) x 1
- Quick Installation Guide (QIG) x 1
- Power Adaptor x 3
- Detachable Antenna x 3
- Console Cable x 2
- Ethernet Cable x 1

SDS200W Device Server

- No. of Ethernet Ports: 1x RJ-45
- Throughput: 10/100 Mbps
- Wireless Interface: IEEE 802.11 b/g/n (2.4GHz)
- Detachable Antenna : 1 x SMA connector
- Serial Standards : RS-232, DB-9M
- Baud Rate: 9600 bps
- Configuration Option : Web management
- Buttons : TAS, Reset
- Dimension: 165mm x 82mm x 25mm (L x W x H)
- Weight : 0.4kg (0.83lbs)
- Power: -AC Input: 100~240 VAC, 50~60 Hz
- DC Output: 5V, 2A

PRT200 POS Printer

- Print Method: Thermal Line Printing
- AC Input: 100-240 VAC, 50~60 Hz
- Print Speed: 250 mm/sec
- Print Density: 576 dots/line or 512 dots/line
- Paper Width: 79.5±0.5 mm
- Interface: Serial (RS-232C)
- Character:
 - ASCII code: 12*24 dots
 - Graphic font: 24*24 dots
- Power Supply: 24 VDC / 2.5A
- Operating Temperature: 0°C ~ +45 °C
- Storage Temperature: -10°C ~ +60 °C
- Dimension: 176mm(L) x 146mm(W) x 124mm(H)
- Weight: 1.22kg

** Specifications subject to change without notice