



SunComm

SunComm Technology Co., Ltd

**SC-2906-1S WIFI ATA with
1WAN +4 LAN, 1 FXS, **WIFI 2.4GHz + 5.0GHz****



Operating System	◆ Linux
Flash	◆ 16MBytes Flash
RAM	◆ 64MBytes DDR2 RAM
Power Supply	◆ AC/DC Adapter AC Input: 100~240V, 50~60Hz DC Output: 12V, 1.0A
I/O Interfaces	◆ 1 x RJ-45 for WAN port (Ethernet 1000 Base-T) ◆ 4 x RJ-45 for LAN port (Ethernet 1000 Base-T) ◆ 1 x RJ-11 for FXS port

	<ul style="list-style-type: none"> ◆ Two 5dBi Antenna for IEEE802.11n 2T2R Wireless
Environmental	<ul style="list-style-type: none"> ◆ Operation Temperature: 0~50 Degree C ◆ Storage Temperature: -25~ 85 Degree C ◆ Relative Humidity: 10%~90% No Condensing
Key Feature	<ul style="list-style-type: none"> ◆ Hardware NAT(HNAT) engine with 1000Mbps NAT/NAPT speed ◆ 802.11a/b/g/n/ac 2.4GHz&5GHz ◆ 2T2R 2.4G 802.11 b/g/n(300 Mbps) ◆ 2T2R 5G 802.11ac (867 Mbps) ◆ 2.4GHz and 5GHz should work simultaneously ◆ Support VoIP FXS port with SIP and T.38 FAX Layer2/3QoS ◆ 10/100/1000Mbps Ethernet ◆ 1 FXS port ◆ Real-time IP fax,T.38 and T.30
Audio Codec	<ul style="list-style-type: none"> ◆ G.711(A/u),PESQ>4.3 ◆ G.729AB,PESQ>3.7 ◆ G.722,G.723,G.726,iLBC ◆ Adaptive Jitter Buffer Management ◆ Voice Activity Detection ◆ Comfort Noise Generation ◆ Echo Cancellation ◆ T.30 FAX with G.711 ◆ Real time <u>FAX over IP</u> via T.38
Protocols	<ul style="list-style-type: none"> ◆ SIP V2.0 (RFC 3261, 3262, 3263, 3264) ◆ Backward compatible with RFC2543 ◆ Session timer (RFC4028) ◆ SDP (RFC2327) ◆ RTP/RTCP (RFC823/903) ◆ NAPTR for SIP URI lookup (RFC2915) ◆ STUN (RFC2030) ◆ ARP/RARP (RFC 826/903) ◆ SNTP (RFC 2030) ◆ Message Waiting Indicator (RFC3842) ◆ DHCP Option Codes for SIP (RFC3361) ◆ DNS/DNS SRV (RFC1706 and RFC 2782) ◆ IEEE802.1Q VLAN/802.1p and IP DSCP
Wireless	<ul style="list-style-type: none"> ◆ TX Power <ul style="list-style-type: none"> 15dBm @ 2.4GHz 11n MCS7 HT40M 15dBm @ 5GHz 11ac MCS9 VHT80M ◆ RX Sensitive <ul style="list-style-type: none"> -70dBm @ 2.4GHz 11n MCS7 HT40 -53dBm @ 5GHz 11ac MCS9 VHT80 ◆ 4 SSID Per Radio ◆ Static WEP(64/128bit)/Dynamic WEP(64/128bit)/AES(CCMP/TKIP) ◆ MAC Certification ◆ WEP/WPA-PAK/WPA-PSK(2.0)/WPA/WPA2 ◆ AP Isolation and MBSSID AP Isolation ◆ WMM/WDS/WPS ◆ Station list ◆ Radius certification and billing

- ◆ MAC Filter(different from wired MAC Filter)

Applications

- ◆ Support NAT mode and Bridge mode
- ◆ Support DDNS
- ◆ MAC address cloning
- ◆ SIP proxy redundancy
- ◆ NAT Traversal by STUN
- ◆ Built-in Wired speed NAT Router
- ◆ DHCP Server and Client
- ◆ IP conflict detection
- ◆ Port Forwarding, DMZ, SuperDMZ
- ◆ 802.1Q VLAN/802.1p, DSCP, Rate Limiting
- ◆ VPN(PPTP,L2TP, IPsec) Passthrough
- ◆ SNTP
- ◆ IGMPv2, IGMPv3
- ◆ ACL(Access Control List)
- ◆ Broadcast Storm Control
- ◆ Mac Filtering
- ◆ Firewall(SYN Flooding, IP Spoofing, Smurf Attack, Ping of Death, DoS)
- ◆ Ipv6(Dual Stack)
- ◆ MLDv1, MLDv2

Management

- ◆ Firmware Upgrade
- ◆ Web Management Interface
- ◆ IVR-driven Management Interface
- ◆ Local and Remote Syslog (RFC3164)
- ◆ Auto Provisioning
- ◆ SNTP Time Synchronization
- ◆ Multi User Level
- ◆ SNMP v2.0
- ◆ Telnet
- ◆ TR069
- ◆ System Log: local log and remote log
- ◆ Support Flying FCMS Cloud Management

Call Features

- ◆ 3-way conference
- ◆ Call hold
- ◆ Call forwarding
- ◆ Call Transfer
- ◆ Call waiting
- ◆ Caller ID and CWCID
- ◆ DTMF Relay: In-band, Out-band and SIP INFO
- ◆ QoS Layer 3
- ◆ Call Log
- ◆ CID/CWCID
- ◆ Dial Plan
- ◆ DTMF Mode: Inband, outband and SIP Info

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