Wifi IP Phone Desktop SC-2165E with 5SIP accounts, 802.11b/g/n

Networks Features:

- 1 RJ-45 auto-sensing 10/100Mbps, Bridge Mode
- Support PPPoE for xDSL
- Support DHCP Client on WAN
- Support VLAN (optional: voice vlan/data vlan)
- QoS with DiffServ
- Support DMZ
- Support DNS Relay, SNTP Client, Firewall
- Support QoS for the Second Layer（802.1p）

SIP
- RFC3261, RFC2543
- ICMP, ARP, RARP, SNTP
- SDP TFTP HTTP DNS
- SIP server: 5 IP account with password protection
- Pubic Server/ Private server: can connect to ISP and Private SIP server at same time
- NAT traversal: STUN, NAT ALG, NAPT, SIP Express router

Audio Codec
- G.711 μ / A
- G.723.1
- G.729

Dial Tone Signal Generation
- DTMF (out of Band RFC 2833 / in band)
- SIP Info interoperate with CISCO SIP device

Basic Features:

- Support 4*16 LCD display
- Support 5 SIP account at the time to registration
- Supports 64/128-bit WEP, complies with 128 bit WPA standard(TKIP/AES)
- Supports 135/121.5/108/81/54/40.5/27/13.5/65/58.5/52/39/26/19.5/13/6.5/54/48/ 36/24/18/12/9/6/11/5.5/2/1Mbps wireless LAN data transfer rates
- Transmission Distance: indoor up to 120m, Outdoor up to 360m, it is subject to the environmental condition.
- Support WDS Relay and WDS Bridge
- One 10/100 BASE-T PC port, Router to the WIFI port.
- Supporting DHCP Client or static IP address allocation plan
- Supporting 802.1Q VLAN and VLAN Tag
- Mute compression and comfort tone generation technology ensure clear conversation quality.
- Self-adaptive jitter cache ensures smooth voice function
- Lost-packet compensation guarantee mechanism provides a better voice quality.
- Built-in Internet gateway function
- Easily-configured Console port
- Supporting remote configuration of Web mode and remote software downloading/upgrading
- Support automatic Updates

Software Overview:

Network Protocol

- SIP v1 (RFC2543), v2(RFC3261)
- IP/TCP/UDP/RTP/RTCP
- IP/ICMP/ARP/RARP/SNTP
- TFTP Client/DHCP Client/ PPPoE Client
- Telnet/HTTP Server
- DNS Client

Codec

- G.711: 64k bit/s (PCM)
- G.723.1: 6.3k / 5.3k bit/s
- G.726: 16k / 24k / 32k / 40k bit/s (ADPCM)
- G.729A: 8k bit/s (CS-ACELP)
- G.729B: adds VAD & CNG to G.729

Voice Quality

- VAD: Voice activity detection
- CNG: Comfortable noise generator
- LEC: Line echo canceller
- Packet Loss Compensation
- Adaptive Jitter Buffer

Call Function

- Call Hold
- Call Waiting
- Call Forward
- Caller ID
- 3-way conference

DTMF Function

- In-Band DTMF
- Out-of Band DTMF
- SIP Info

Tone

- Ring Tone
- Ring Back Tone
- Dial Tone
- Busy Tone
- User Programming Tone

Phone Function

- Volume Adjustment
- Speed dial, Phone book
- Flash
- Speaker Phone

IP Assignment
- Static IP
- DHCP
- PPPoE

Security

- HTTP 1.1 basic/digest authentication for Web setup
- MD5 for SIP authentication (RFC2069/ RFC 2617)

QoS
- ToS field

NAT Traversal

- STUN

Configuration

- Web Browser
- Console/Telnet
- Keypad

Firmware Upgrade

SIP Server • Registrar Server (three SIP account) • Outbound Proxy	• Console • HTTP • FTP

WIFI Features

✓ Supports 64/128-bit WEP, complies with 128 bit WPA standard(TKIP/AES)

✓ Supports 135/121.5/108/81/54/40.5/27/13.5/65/58.5/52/39/26/19.5/13/6.5/54/48/

✓ 36/24/18/12/9/6/11/5.5/2/1Mbps wireless LAN data transfer rates

✓ Wireless speed up to 150Mbps when connected to 11n device

✓ Seamlessly compatible with 802.11b and 802.11g devices

✓ 2dBi Fixed Antenna

Physical & Environmental:
- Power Input: 100 to 240 ACV / 50/60Hz Output:12 DCV
- Gift box: 250 x 225 x 95 mm
- Weight: 950g (main unit)
- Operating Temperature: 0°to +40°C (32°to +104°F)
- Storage Temperature:-20°to +70°C (-40°to +158°F)
- Humidity: 5% -95% non-condensing.