



UC520

IP Office for SOHO



UC520 is specially designed as IP Office for SOHOs (Small Office and Home Offices). The new solution offers not only a Wi-Fi router supporting 3G/LTE data access, external ADSL, VPN Client/Server, VLAN... but also a fully featured IP PBX that can host up to 10 extensions with 2 analog ports connected (PSTN line (FXO)/ analog phone (FXS)); and supports Call Forward, Call Recording, Blind/Attendant Transfer, Conference, and so on.

UC520 is configured and managed through a single web GUI which significantly reduces the time and effort required to install the product. This simplified management and reduction in hardware costs through merging two products into one makes the UC520 an amazing and cost effective solution for SOHOs.

System Specifications

IP PBX Features

Extensions

10 Extensions
Batch-Add Extensions
UDP/TCP Transport

SIP/IAX/FXO Trunks

Outbound Routes

DialPlan
Call Queue
Paging & Intercom

IVR

Ring Group
Conference
DISA

Inbound Controls

Distinctive Ringtone
Analog Port DID
Number DID

DOD

IVR

IVR Prompts

Call Queue

Ring Group

Blacklist

Time Based Rules

Codect

Audio: G.722/G.711-Ulaw/G.711-Alaw/
G.726/GSM/SPEEX

Video: H.261/H.263/H.263+/H.264

DTMF

RFC2833

SIP info

Inband

Call Features

Caller ID

Call Group

Call Hold

Call Waiting

Follow Me

Call Transfer

Call Forward (Always/Busy/No Answer)

Call Pickup

Call Parking

Paging & Intercom

Call Queue

Music on Hold/CRBT/Queue

DISA

Pin Sets

1x Conference

Other Features

BLF

Auto-Provisioning

Feature Codes

Register Status

Call Logs

PBX Logs

Wi-Fi Router Features

WAN

Static IP

DHCP

PPPoE

L2TP

PPTP

3G/LTE

LAN

4x VLAN

NAT

DHCP Server

Wi-Fi

SSID

Frequency: 2.412GHz~2.477GHz

Channels: 1~14

IEEE802.11/b/g/n

Security: OPEN+WEP, SHARED+WEP, WPA, WPA-PSK,

WPA2, WPA2-PSK, WPA/WPA2 Mix Mode,

WPA-PSK/WPA2-PSK Mix Mode, IEEE802.1x

AP Client MAC Address Filter

WMM (Wi-Fi Multimedia)

WPS (Wi-Fi Protected Setup): WPS-PIN, WPS-PBC

QoS

Bandwidth Control (DRR, SPQ, DRR+SPQ) for WAN, DSCP

Networking Protocols

IEEE802.3(CSMA/CD), 802.3u, 802.1d/p/q/x,

802.11/b/g/n (CSMA/CA), TCP/IP, SIP, IAX, RTP,

RTCP, PPPoE, PPP, L2TP, PPTP, DHCP, ICMP, HTTP,

SNTP, LLTD, UPnP, SSH, SNMP, etc

Firewall

MAC/IP/Port Filter

System Security: Remote Access, Ping from WAN Filter,

Block Port Scan, Block SYN Flood,

Stateful Packet Inspection (SPI)

Port Forwarding

Virtual Server

DMZ

DDNS

DDNS Support: dyndns.org, freedns.afraid.org

zoneedit.com, no-ip.com

Static Routing

Troubleshooting

Ping Test, Traceroute Test

VPN Server

L2TP/PPTP

VPN Passthrough

L2TP/IPSEC/PPTP

Hardware Specifications

WAN Port

1x 10/100Base-TX Fast Ethernet, Auto MDI/MDIX

LAN Port

4x 10/100Base-TX Fast Ethernet, Auto MDI/MDIX

Telephony Port

UC52011: 1FXS+1FXO (Life-Line)

UC52002: 2FXO

3G/LTE

USB Port

2x USB2.0

Turbo Button

Reset/WPS-PBC

RAM

DDR2 128MB

Storage

256MB Onboard Flash

Environment

Working Temperature: 0 °C ~ 40 °C

Storage Temperature: -20 °C ~ 55 °C

Humidity: 5% ~ 95% Non-Condensing

Packings

Dimension: 258mm x 250mm x 55mm

Weight/Unit: 1kg

