

LP389, LP389A and LP389S, LP389SA

IPv6 and IPv4 SIP IP Phone



English LCD Display



LP389 and LP389A only
Support 3.5mm plug-in Ear
Phone and Microphone.



Do Not support
Headset interface.
LP389S and
LP389SA Only.

IPv6 and IPv4 Dual Stack simultaneously

Support up-to 3 Register Accounts at three SIP Servers

Rich Telephony Features

Support Receive Instant Message (IM)

Intelligent Phone Book Name Dialing

Dual Flash Memory image backup

Auto Provision feature

Color : Blue and Black

LP389 is a SIP IP feature phone which work on both IPv6 and IPv4 network address simultaneously. It supports up-to 3 register accounts and each account can be configured to access IPv4 or IPv6 network SIP Server freely. It makes migration from IPv4 to IPv6 network smoothly.

IPv6 SIP IP Phone is ready to Market

IPv6 address was developed for years, however, it was not practical to our life up to date. More and more electronic devices are able to link to IP Network, this makes existing IPv4 address supply in shortage to global market. Meanwhile, the emerging countries are not able to increase IPv4 address supply due to strong market demand on broadband services. LP389 is an SIP based IP Phone which built-in both IPv6 and IPv4 IP address. No matter when you are ready to deploy IPv6 network now, or reserve the future expansion to IPv6 from existing IPv4 address, LP389 is ready to go. Both IPv6 and IPv4 address are working simultaneously at Voice IP Call. Its flexibility of both IPv6 and IPv4 accept and interwork both addresses on today and tomorrow when you need.

To select freely up to 3 SIP service Accounts

LP389 is appropriate to use for VoIP Service Providers, IP Centrex service and IP-PBX within offices and remote branch offices. Up to 3 SIP Server (or ITSP Service provider or alternative IP-PBX) can be configured at LP389 simultaneously no matter where they are seated at IPv6 or IPv4 network address.

Rich Telephony Features

LP389 is compatible with most brand name IPv4 and IPv6 SIP server or IP-PBX server with a variety of telephony features which are similar to legend digital PBX features and operational behaviors. LP389 receives Instant Messages (IM) which comes from IP-PBX server, SIP Server or IP Centrex server and show on front panel by LCD and LED Light. It is easy for you to retrieve IM messages by one tough key. LP389 provides flexible talking facility to switch among them such as Handset, Hand free Phone and Headset ear phone and microphone for heavy phone call user. The phone book name list can be searched intelligently. When one letter was entered, the related consequent name



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shows out at LCD immediately. An smart and intelligent design is waiting for you to use it at both IPv6 and IPv4 address network world.

Management IP Phone is easier than before

LP389 support HTTP provision feature via MAC address. An unique MAC address profile at each LP389 IP phone was configured before installation. Those MAC addresses profile were created at HTTP server. It allows system manager to change each LP389 IP Phone configuration and firmware upgrade remotely. Moreover, LP389 has built-in dual Flash memory to avoid from crashing firmware during un-proper firmware upgrade procedures.

SPECIFICATION

Interface:

Ethernet port (RJ-45, 10/100 base-T)
1-LAN port, for connecting to switch
1-PC port for connecting to PC
10/100 based Switch
PoE (IEEE 802.3af) at LAN port : **LP389A, LP389SA only**
Earphone/Microphone Jack (3.5mm) for Headset: **LP389S, LP389SA DO Not Support**
Handset Jack (RJ-10)
DC 12V power input Jack
LCD Display:
Display Format: 16 Characters (W) x 2 lines(H)
View Size: 64(W) x 17.9 (H) mm
LCD Type: TN

Language Option: **English and Chinese**

IP Network connection

IPv4 (RFC 791), IPV6(RFC 2460)
IPv6 Auto Configuration (RFC 4862)
MAC Address (IEEE 802.3)
Static IP
DHCP Client (RFC 2131)
PPPoE
DNS Client
TCP/UDP (RFC 793/768)
RTP/RTCP (RFC 1889/1890)
IPV4 ICMP (RFC 792), IPV6 ICMP(RFC 4443)
TFTP Client
VoIP VLAN Support (802.1Q/802.1P)
HTTP/HTTPS Server
QoS Support
Support IPV4 only, IPV6 only or dual stack mode

SIP Protocol :

RFC3261 compliance
Support up-to 3 SIP Register Accounts (IPv4 and IPv6 are selectable)
Support Primary and Backup SIP Proxy
SIP UDP Protocol
Support SIP compact Form
SIP Session Timer (RFC 4028)
MD5 Digest Authentication
Reliability of provisional responses PRACK (RFC3262)
Early/Delay media support
Offer/answer (RFC3264)
Message Waiting Indication (RFC3842)
Event Notification (RFC3265)
REFER (RFC3515)
Support DNS SRV to locate SIP Server (RFC 3263)

Support STUN NAT Traversal

Support "rport" parameter (RFC 3581)

Audio Codec :

G.711 A-law/ μ -law, G.723.1 (6.3K/5.3K)
G.729A, GSM 6.10 (full rate)
Silence Suppression
VAD/CNG
Automatic Gain Control
In-band/out of band DTMF (RFC 4733 (RFC 2833)/SIP INFO)
Adaptive/Configurable Jitter Buffer
Acoustic Echo Cancellation
Volume Adjustment

PREFERENCE:

Customized Idle Text
Phone Book
Intelligent Phone Book Name Dialing
Clock, Daylight Saving, Call-timer
Call History of Missed, Received and Dialed
Dialing Plan
Digit Manipulation
Selectable Call Progress Tone
Support Personal Music Ring
Support Silence Ring
Auto Answer Mode
Support Auto Priority (Auto Switch) Calling
Support Specified Line Calling

Call Features :

Caller ID display or inhibit
Voice Mail with Indication
Speed Dialing
Call Waiting/Switching between Calls
Call Forward (Busy, Unconditional, No Answer)
Blocking of Anonymous Call
Do not disturb
Call Hold
Call Mute
Call Transfer

Incoming Call Blocking List

Music-on-hold support (via IPPBX or local)
Conferencing (3-way conference over phone)
Multi-parties conference (via IPPBX)
Distinct Ring between on-net and off-net calls (compatible with SIPPBX6200S, 6200GS and 6200N only), 6200x.
Call Pickup (via IPPBX)
Call Park/Retrieve (via IPPBX)
Voice Broadcasting (via IPPBX)
Barge-in & Barge-in Allowance List

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Redialing/pre-dialing

Hot Line

Support Peer to Peer Dialing

Support Receiving and Display Instant Message (RFC 3428)

MANAGEMENT :

SNTP with Daylight Saving

Multilanguage Web User Interface

Administrative Telnet CLI

3 Levels of User Access Right with Password protection

LCD Administration Login

Provides System Status

Diagnostics (debug through syslog)

Configuration Backup/Restore

Reset to Default

Dual Firmware Image Backup to avoid crashing

Support HTTP provision through MAC address

Environmental :

Dimension: 200 × 95 × 223 mm (Desktop)

Weight: 1.17kg (One unit with packing)

Operating Temp. & Humidity

- Temp.: 0°C~45°C (32°F~113°F)

- Humidity: 10%~90% relative humidity, non-condensing

Power Adaptor:

- INPUT: AC100V~240V, 50/60Hz

- OUTPUT: DC 12V, 1.0A

Power Consumption of PoE : 4 Watts

Approvals:

CE, FCC, LVD and RoHS

Country of origin:

Made in Taiwan

Packing Accessories

LP389 IP Phone x 1 pcs

AC to DC12V Power adaptor x 1 pcs

CD User Manual

Warranty

One year

Ordering Information:

	LP389	LP389A	LP389S	LP389SA
PoE	NO	YES	NO	YES
LCD Language	English	English	English	English
IPv6/IPv4	YES	YES	YES	YES
Handset and Hand-Free	YES	YES	YES	YES
Headset and Ear phone	YES	YES	NO	NO
Wall Mount	NO	NO	NO	NO
Delivery Status	NOW	NOW	NOW	NOW

We provide a variety of IP Phone models which differ at features and application.

Features Comparison Table of IP Phone:

	LP801	LP389	LP389S	LP600N	LP803	WP589	LP388	LP399
application	ITSP, IP-PBX	ITSP, IP-PBX	ITSP, IP-PBX	IPPBX	ITSP, IP-PBX	ITSP, IP-PBX	IPPBX, ITSP	ITSP, IP-PBX
Line No.	2	3	3	2	3	3	2	3
Register to SIP Server	2	3	3	1	3	3	1	3
IPv6	NO	YES	YES	NO	NO	NO	NO	NO
LCD	128x64 pixels	2x16 digits	2x16 digits	2x16 digits	2x16 digits	1.44"Color	2x16 digits	2x16 digits
Handset	YES	YES	YES	YES	NO	YES	YES	YES
Headset	YES, 3.5mm	YES, 3.5mm	NO	YES, 3.5mm	YES, 3.5mm	NO	YES, RJ-9	NO
Speaker Phone	YES	YES	YES	YES	YES	YES	YES	YES
WiFi Phone	NO	NO	NO	NO	NO	YES	NO	NO
SIP Protocol	YES	YES	YES	YES	YES	YES	YES	YES
Provision	TR069, HTTP	HTTP	HTTP	IPPBX6200x built-in HTTP	YES	NO	NO	YES
Wall mount	NO	NO	NO	NO	YES	Hand held	NO	NO
PoE Option	YES	YES	YES	YES	YES	NO	YES	NO
Delivery Status	NOW	NOW	NOW	NOW	NOW	NOW	NOW	NOW