AT820/AT820P is ATCOM economic IP phone designed for both Small and Medium business and residential, to replace traditional analog phone.Equiped with Lantiq Dual-core Voice engine, HD voice quality and rich telephony features has been supported by AT820/AT820P, and people can get an satisfied user experience in phone's setup / making calls / system administration.

▷ 128 x 64 pixels LCD with blacklit

▷ 4 soft keys

▷ Up to 2 SIP accounts

▷ HD voice

▷ PoE support

▷ Multi-language

Concise appearance but Firm design

AT820/AT820P have inherited the advantage of ATCOM previous IP phone's design,it's a concise but firm phone, and absolutely with reliable performance.

HD Voice (handset, speaker phone)

AT820/AT820P support HD voice, enable calls with HD voice quality that make it seem like you're face-to-face communicating with the other party.

Easy Configuration

AT820/AT820P are supported Auto Provisioning by TFTP / FTP / HTTP / PnP, which make installer configure and maintain all phones easier and more conveniently.

Compatible with a wide range of devices

AT820/AT820P have been validated by Asterisk and Broadsoft, can be compatible with a wide range of devices to meet customer's need.

Display Features

▷ LCD Display:128 x 64 dot matrix LCD
▷ LCD Size:3.2"
▷ LCD Contrast:8 levels
▷ LCD Backlight:Yes

Install Option

▷ Desk Mount:Yes
▷ Wall Mount:No

Network Features

▷ IP Version:IPv4
▷ IP Assignment:Yes（Static / DHCP / PPPoE）
▷ DNS:Yes（Primary and Secondary DNS supported)
▷ HTTP:Yes
▷ SNTP Client:Yes
▷ VLAN (802.1Q):Yes
▷ QoS (DiffServ):Yes
▷ VPN:Yes (L2TP VPN supported)
▷ NAT Transverse: Yes (STUN mode)
▷ Security:Yes (SRTP / TLS supported)

Others

▷ Ethernet Ports:2 10 / 100 Mbps
▷ PoE (Power over Ethernet): IEEE 802.3af Class 2 standard compliant
▷ Headset Jack:1 RJ9
▷ Handset Jack:1 RJ9
▷ Power adapter Jack:3.5mm,DC 12V,500mA

SIP Features

▷ SIP Accounts:2
▷ SIP Compatibility:SIP v1 (RFC2543), v2 (RFC3261), Asterisk,Broadsoft, ATCOM IP PBX

Keys Features

▷ Programmable Keys:0
▷ Features Keys:4 features keys (Mute, Headset, hands-free speakerphone, Message)
▷ Line LED Keys:4
▷ Volume Control Keys:2
▷ Context Sensitive Soft Keys:4
▷ Navigation Keys:5

Configuration and Management

▷ Plug & Play Configuration:Server based configuration,
▷ Manual Configuration:InternalWeb Configurator, Local (LCD based) network Configuration
▷ Auto Provision:TFTP / FTP / HTTP / PnP

Interface

▷ Power Consumption:5W
▷ Operating Humidity:10 - 90%
▷ Operating Environment:0°C - 45°C (32°F - 113°F)
▷ Dimension (Width x Depth x Height): 18.9 x 11.8 x 18.5
▷ Weight:1.1Kg

Audio Features

▷ Ringtones:10+2 user define
▷ Ringer Volume:8 levels + off
▷ Audio Codec:G.711(A/μ),G.722 (Wideband),G.726,G.729AB, iLBC,G.723

Software Features

▷ Phone Book (Entries):100
▷ Call Log Entries:50 Dialed calls + 50 Answered Calls + 50 Missed calls
▷ Conferncing:3 parties
▷ Music On Hold:Supplied by Host Service (PBX/SIP Server)

▷ Phone Basic Functions:One-Touch Speed Dial, RedialCall Forward, Call Waiting, Call Transfer, Call Hold, Call Return Mute, Auto answer, DND Call History: Dialed /Received/Missed Direct IP Call without SIP Proxy Hotline / Dail PlanSet Date/Time Manually or Automatically

▷ Phone Functions with IP PBX: Anonymous Call, Anonymous Call Rejection DND & Forward Synchronization Message Waiting Indicator (MWI) Voice Mail,Call Park, Call Pickup Intercom, Paging, Music on Hold Call Recording