

Juphoon uContact BP200

High Quality Business Desktop IP Phone



The Juphoon uContact BP200 is a cost-effective desktop IP phone for business which has excellent expansibility.



Glance

Juphoon uContact BP200 desktop IP phone is next generation network phone based on SIP protocol. The device can interoperate with the SIP based IP-PBX, softswitch or IMS core network. BP200 is designed for business environment and it supports most of the call control features like call hold, transfer and 3-ways conference.

Main Characteristics

Using high performance Juphoon SIP stack and flexible IMS client platform, the BP200 ensures protocol processing ability and application expansibility. The 2 Line LCD and single chip BF531 hardware can meet the requirement of lower cost.

Just try it and you will find that the carefully designed one-press function buttons and brief LCD displayer are very easy to use.

Advantages

High Stable & Efficient

Juphoon® SIP Stack and IMS Client Platform have been designed by industry criterion. Its high efficient performance leads to low CPU & memory resource consumption and fast operation response. And the platform expansibility ensures you to add more innovative applications.

High Performance

400MHz Analog Devices Blackfin® BF531 processor enables the IP phone solution to support various applications with low power consumption.

High Quality

GIPS® voice engine processes Net Package Jitter Buffer, AEC and many voice codecs and supports high quality full-duplex hands-free calls.



uContact – Connecting Any Time Any Where

Call Control

- Basic Call (Voice)
- Caller ID Display
- Redial & Speed Dial
- Call From History
- Call Hold & Consultation Hold
- Call Transfer (Blind & Attend)
- Call Waiting
- Call Forward (On Busy / No Answer/ Unconditional)
- 3-Way Conference
- Automatic Accept Call / Do Not Disturb
- Hotline

Other Functions

- Mute
- Volume Adjust
- DTMF (Inbound / Outbound / SIP-Info)
- Multi-Line
- MWI for Voice Mail
- Call History (Missed & Received & Dialed)
- Phone Book (LCD Menu & Web)
- Session Timer
- Dial Plan
- Multi-Account Management
- Alarm(once/ repeat)
- SIP Stack and Call Control Logging
- Syslog Function
- LED Button

Voice Engine

- Full Duplex Hands-free Talking with Acoustic Echo Cancellation
- Volume Adjustment for Ringing and Speaker Individually
- Hands-free and Headset Mode
- Support for G.711 u/a and G.729 Codec
- Adaptive Jitter Buffers and Packet Loss Concealment
- Voice Activity Detection and Comfort Noise
- 3 Ways Conference Mixing

Physical Specifications

- H x L x W: 70 mm x 215 mm x 195 mm
- Power Adapter: AC Input 100~240V, 50-60Hz, DC Output 5V, 1A
- Network Interface: IEEE 802.3 10/100 Base-T
- Power Consumption: 1.8W ~ 2.1W

Interface

- Speed Dial Keys
- 2 x 16 text LCD Display
- Handset & Hands-free Speaker & Headset
- Two 10/100 Base-T Ethernet Ports with Bridge / Router Function
- Web Management
- Load Profile and Menu from XML

Protocol Features

- SIP RFC3261 and most RFC Extensions
- DNS (A, SRV, NAPTR)
- STUN

Network

- Manual Configuration / DHCP / PPPoE
- Time and Date Synchronization Using NTP / Register/ Manual
- XML-Based Auto-Provision and Auto-Update
- Support for IEEE802.1p/Q tagging (VLAN), Layer 3 DSCP
- Work on Router / Bridge Mode
- NAT Keep Alive

Interoperability Testing

- Ericsson IMS Server
- Nokia IMS Server
- Asterisk SIP Server
- SER SIP Server
- More than 30 Servers and Terminals...

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Juphoon
system software

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