

IP Broadcasting & Intercom Unified Communication System Server

H500



IP Broadcasting & Intercom UC System Server



Visual Broadcasting & Intercom Dispatching System

DESCRIPTION:

The IP Broadcasting & Intercom Unified Communication system is a one-stop solution based on IP communication protocol and standard SIP protocol as core protocol, combining with Help Intercom, SOS call, Emergency Broadcasting, Emergency Consultation, Visualized Dispatch, Real-time Recording, Video Linkage, Alarm Linkage and Digital Map. The system can be integrated with other systems deeply to improve the industry information management, reduce the enterprise operation and maintenance management cost, and improve daily work efficiency and emergency response capability.

The system is based on the IP Broadcasting & Intercom UC System Server, it accesses the broadcast & intercom terminal, IP fire alarm gateway, IP camera, SIP voice gateway, SIP phone and gateway devices to realize one-touch hands-free calling and two-way Intercom, group call, one-way monitoring, shouting deterrence, zone broadcast, background music, security linkage and other functions represent the development trend of IP, integration and intelligence of broadcast & intercom.

The system could be configured easily. Only need to connect the devices to LAN or WAN network to setup a powerful digital communication system which can realize the integration of multiple networks systems including computer network, SOS help, public broadcasting, video monitoring, security alarm and office telephone. The system could be widely applied to multiple industries like highways, unmanned parking lot/sports hall/gym/supermarket, industry mine, education, rail, finance, prison, energy, electricity, medical, intelligent building and others.

FEATURE:

- **Openness:** Based on standard SIP protocol, supports third parties' terminals; compatible with IP telephony system/IMS system; Support SDK for integration with third parties' system.
- **Unified:** One system integrated with Communication server/broadcasting server/record server/consultation server/management server; Unified dispatching console interface for multiple operations such as telephone, intercom, broadcast, video, alarm and remote control on an electronic map.
- **Efficient:** Collaboration Multiple partitions and multiple dispatching stations can be configured. One single dispatching station can process multiple service calls at the same time, and support cooperation between dispatching stations to improve the efficiency of the monitoring center.
- **HD Audio:** Carrier-grade voice quality. Supports the standard G.722 broadband voice coding. Combined with the unique echo cancellation technology

IP Broadcasting & Intercom Unified Communication System Server

- **Intercom** : Shout broadcast, text broadcast , Reservation broadcast, Collect information broadcast
- **Telephony** : Internal call, call transfer, Mobile phone call, fixed line call
- **Video Monitor** : Real-time preview, preview capture, Intercom linkage, alarm linkage
- **Digital Map** : Layer management, state rendering, Monitor preview, call linkage
- **Alarm** : Fire alarm, help alarm, Plan linkage, alarm traceability

SPECIFICATIONS:

Model	H500
Communication Protocol	ARP, IP, ICMP, TCP, UDP, SIP, IGMP, RTP, H264
Technical Specification	RFC3261, RFC3262, RFC3263, RFC3264, RFC1889, RFC1890
Speech Coding	G.722(wideband), G.711a, G.711u, AMR
Functional Indicator	
Intercom Function	Two-way intercom, video call, one-click help, intercom recording
Scheduling Function	Line-finding group、 call queuing, dismissal, insert, environmental monitoring, call monitoring, multi-party conference.
Broadcast Function	Partition broadcast, Shout broadcast, timed broadcast, music broadcast, text broadcast
Video Function	Video linkage
Telephone Function	Incoming call, Callout, dialing, Equivalent dialing, Relay hunt.
Alarm Function	Trigger alarm, alarm plan
Digital Map	Alarm positioning, Equipment Map Calibration
Hardware indicator	
Processor	High performance processor
RAM	4GB
Storage	1T GB monitoring hard drive
Interface	2 standard RJ45(10/100/1000Base-T), 1 RS232 Interface, 2 USB2.0
Power Supply	100 ~ 220V AC
Power Consumption	≤65W

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Working temperature	-10 ~ 60°C
Humidity	≤90% (Non-condensing)

Application Scenarios



School



Highway



Industrial park



Unmanned parking lot



Bank



Industrial enterprises



Wisdom pension



Self-service machine



Safety city



Cloud broadcast