VLine

Communication Kit

Specifications

	VLine Communication Kit
Capacity	
Maximum Number of MSG / PTT Access	Up to 50,000
Basic Functions	
Address book and contacts service	Organization architecture and real-time user status
Group service	Build up groups, supports up to 500 client in a group
Broadcast message and bulletin service	Notifications from the VLine PC Clinet to Body Worn Camera with alerts
Map	Google offline map
User Management	Admin / User
Message Functions	
Chat service	Text, Picture, Short video, Short audio
Push-to-Talk Functions	
P2P	Real-time person-to-person communication service
Group	Real-time group communication service
Network	
Network Protocols	TCP/IP, UDP, HTTP, XML, IPv4
User Interface	VLine PC Client, Kedacom Body Worn Camera, Kedacom Body Worn Surveillance Phone
System Requirements (Hardware)	
CPU	Min. Intel XEON E5, 4 core (20 client access)to Max. 6 x Inter XEON E5, 8 core (50,000 client access)
RAM	Min. 4GB (20 client access)to Max. 6 x 16GB (50,000 client access)
HDD	Min. 1TB (20 client access)to Max. 6 x 1TB (50,000 client access)
System Requirements (Software)	
Supported Operating System	Centos 6.5 64-bit
Database	Oracle 11g / Redis 3.0

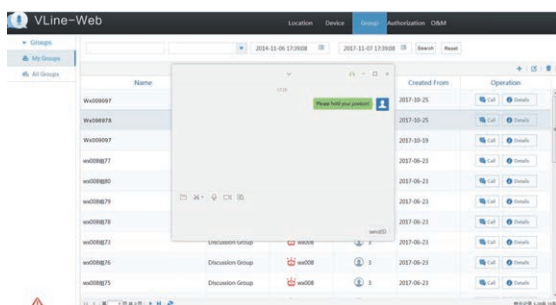## Features

Real-time Communication Service
- VLine is a communication Kit for Kedacom portable mobile devices (such as body worn camera and body worn surveillance phone). It can provide real-time communication service, such as Push-to-Talk and message chat. VLine supports address book and contacts service, so all the body worn camera and body worn surveillance phone can easily communicate with other devices.

Group Communication
- VLine can build up many groups, each groups can have internal PTT or chat. VLine PC client also can join in the PTT or chat group, In addition, the VLine PC client can support broadcast and bulletin function, so you can send alarm or any message to all the body worn camera and body worn surveillance phone in the same time.

Map Interface
- VLine support map interface by Google offline map. You can view the position all the body worn camera and body worn surveillance phone on the map in real-time.

Powerful Management Functions
- Authorization of multi-group listening, forcible group joining
- Forcible talking assigned to high-ranking users
- Chat copying, favorites, deletion, forwarding, and history searching

High-performance, High-capacity
- Supports up to 500 clients in a group
- Supports up to 50,000 users
- Supports low Message and PTT delay (< 500 ms) on 3G/4G networks
- Supports clear voice processing

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