

VLine

Communication Kit



Features

Real-time Communication Service

Vline is a communication Kit for Kedacom portable mobile device (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 group can have internal PTT or chat. Vline PC client also can join in the PTT or chat group, In addition, the Vine 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.

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

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 clients in a group
Broadcast message and bulletin service	Notifications from the Vline PC Client to Body Worn Camera with alerts
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*Inter XEON E5, 8 core (50,000 client access)
RAM	Min. 4GB (20 client access) to Max. 6*16GB (50,000 client access)
HDD	Min. 1TB (20 client access) to Max. 6*1TB (50,000 client access)
System Requirements (Software)	
Supported Operating System	Centos 6.5 64-bit
Database	Oracle 11g / Redis 3.0