



GE-VMS116DSS

Golden Eye Management System Software



Specifications

Face Recognition

- Automatically captures faces in the camera field of view
- Extracts face attribute information from captured face.
- Real-time face comparison
- Quickly register face to face library
- Searching face via face attribute
- Searching face via uploading a face image
- Searching comparison records.

Live View

- Open more than one channel at same time, up to 16 channels
- Three stream type: HD(high definition), SD(standard definition), FL(Fluency)
- Supports PTZ control
- Supports horizontal screen play
- One-key switch to playback
- Snapshot, local record, audio talk

Playback

- Replay device record and center record(Up to 8X and 1/8X)
- The calendar shows whether there is a video on that day
- Supports Snapshot
- Manually do local record
- Supports 1X, 2X, 3X, 4X, 1/2X, 1/4X, 1/8X playback

Event

- Real-time and history alarm info.
- Alarm detail info, like live video, record and pictures from related camera, alarm source location on the map.
- Acknowledge the alarm.
- Arming control for alarm source
- Forwards the alarm to relevant user
- Manually send alarm email to relevant person
- Search alarm by alarm source, alarm time, status, handle user, priority.
- Search alarm events and export the alarm list.

Download Center

- Download record from central storage or device, supports avi, dav, flv, mp4, asf.
- Download record by timeline, files or tags.
- Supports multi-task download.

ANPR

- Real-time license plate recognition
- Vehicle passed record
- Generates vehicle trajectory based on license plate and time info.
- Search arming record

Video Management

- Number of Connected Cameras Per Server 512 IP and 2000 channels
- Auto-Register 200 IP and 500 channels
- Number of Face recognition camera Per Server 64
- ANPR 64
- POS 64
- Clients Per System 200 Online Users
- Numbers of Users Unlimited
- Numbers of Roles 100

Map

- View the live video and playback on the map
- Supports the area or length calculating for GIS map
- Supports visible range and initial angle(only available for part PTZ model).
- Alarm source turns red and flickers on the map when alarm occurs.

Role and User Management

- Manage the user's permission via role(device permission,control permissions).
- User can be assigned with the roles to obtain the corresponding permissions.
- User can be restricted by the MAC and expiry data.
- Setting PTZ permission for user.
- User can be locked.
- Supports import domain user and assign roles to the user.

Event Management

Alarm type: device, video channel, alarm input, IVS alarm,thermal, vehicle blacklist, face arming.
Alarm Scheme: All day template, Weekday template,Weekend template and custom template
Alarm Priority: Low, Medium, High.
Linkage: record, snapshot, live video, alarm output, PTZ,video wall, E-mail, User.

Video Wall

- Display/hide the screen ID.
- Supports screens combination.
- Bind the decode channel with the corresponding screen.
- Displays the device IP address or device name on the device tree
- View real-time video.
- Common layout (1,4,6,8,9,13,16,20,25,36,64) and customized layout.
- PTZ control
- Electric focus
- Manual recording(store on PC or central storage)
- Snapshot
- Instant playback
- Digital zoom
- Fisheye dewarping
- Fisheye and speed dome smart tracking
- Smart tracking for panoramic camera.
- Audio talk
- Set alarm window
- Quickly decode the video to video wall.
- Turn on/off the audio in live view
- Region of interest: Divide one window into 4 or 6 parts, one shows whole image, others show the detail.
- Display map in Live View
- Save the current live view as a view.
- Up to 4 Live View tabs.
- Supports adding channel to favorite
- Video tour by device, Org, Favorite, View.
- Quickly switch to playback.
- Supports NKB1000 to control camera on Live View
- POS transaction overlay
- Set POS overlay style
- Adjust the video image
- Adjust the display mode(full screen and original)

High Performance

- Supports 3.5"chassis with up to 15 hot plug hard drives and extend the storage via ISCSI
- Supports up to 2000 video channels per server and it can extend the devices by distribution system High Reliability
- Backup the database automatically and manually,when something wrong happens, it can recover quickly
- Hot standby application of two servers will keep the system 7*24h stable operation

Face Database

- Face library management.
- Adding face one by one
- Set person type for face, you can add person type by yourself.
- Import faces in batches
- Send face library to face recognition devices, and config the similarity.

Playback

- Replay from the front-end devices or central storage
- Video filter: normal, motion, alarm
- Sync play
- Reverse playback
- Slow and fast forward (up to 64X and 1/64X)
- Playback frame-by-frame
- Lock or mark the important record for central storage.
- Download the video, supports avi, dav, flv, mp4, asf.
- Decode the video to video wall.
- Fisheye dewarping
- Adjust the video image
- Snapshot
- Quickly switch to live view
- Adjust the display mode(full screen and original)
- Common layout (1,4,6,8,9,13,16,20,25,36) and custom layout

(*) Design and specifications are subject to change for product improvements without prior notice.

