EVIDENCE MANAGEMENT SOFTWARE

EYENOR®

ENS-BWEMS

FEATURES

Evidence Management System

Manages Historical Data of Body Worn Camera

Statistic of Historical Data and Devices

Support to Add Tag Information

SPECIFICATION

FUNCTION LIST		
Authentication	Login	Login with a user name and password.
	Login Verification	When logging in, you are required to enter a verification code after three consecutive mismatches between your account and password.
Home page	Statistical information	To display graphics of video and audio recording, tagging, marking, recording time ranking, etc.
		To display the main data of the system, including login information, video recording time, number of files and other statistics.
		Support to view the imported video duration, audio duration and number of pictures in this week / this month / this year.
		Support to view the average duration of video shooting per person in this week / this month / this year.
		Support to view the number and proportion of key marked video files of body worn cameras in this week / this month / this year.
		Support to view the number and proportion of tagged files in this week / month / year.
		Support to check the TOP10 users who record most videos.
	Download Center	System portal shall provide necessary plug-ins and tools download links for users to download corresponding plug-ins and controls conveniently.
Personal center	Login	Log in by user name and password. After the account and password do not match for three times in a row, the verification code is required. Show the date, time and IP of current and last login.
	Authentication	Support users to modify the login password, enter the original password, new password, confirm the password.
	QR code (Optional feature)	Supports the display of my QR code, including platform communication information and personnel binding information. The body camera can realize the function of binding body camera and personnel information by scanning the QR code.
Digital Evidence Management	Query Retrieval	To search and manage all video and audio files stored in the docking station and storage server in a unified way.
		Within the permission of the system user, to view the media recording of all the department personnel or designated personnel in a period of time, including the total number of videos, the number of key marked videos, the number of ordinary videos, the number of audio, and the number of pictures. Support one click to view the recording details of one user.
		All media data can be queried according to the single or combined retrieval conditions such as the Department, time type (shooting time, import time), time range, user name / alias, key mark, media type (video, audio, picture), etc.
		The video and audio files support the display in the form of lists or thumbnails. The display information includes: key marking information, whether to carry annotation information, file type, photographers and their departments, shooting time, recording time, import time and file status.
	Data Viewing	Support to play video and audio files, including videos, audio and pictures.
		To provide pages and links for downloading necessary plug-ins.
		When viewing video and audio, support to pause / continue playing, fast forward / backward playing, full screen playing, volume adjustment, playback frame by frame, screenshot and other operations, and to download and save to local.
		To view media information, such as shooting personnel, time of video shooting, time of video import, storage location, and days of storage. Media files support to be exported to the local. Support to edit video files after export.
		Support to view the remaining storage time of a single file.
		Support to modify the storage period of a single file.
	Tag Information	Support to add tag information for video and audio files to describe. Tag information includes the functions of adding, modifying, deleting, etc.
	Statistical analysis	Recording statistics: includes outputting the basic data statistics table of recordings of body worn cameras according to the conditions of Department and time range, including the number of Departments, personnel, number of body worn camera, the number of videos, and the total size of videos (GB).
		Asset statistics: includes the output of asset data statistics table of body worn camera and docking station according to the conditions of the Department, including the total number of body worn cameras and docking stations, the total capacity and average storage capacity of docking stations.

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FUNCTION LIST		
Operation management (Management module)	Organizational Structure Management	Support to set the organization structure according to the actual situation of the users. Support adding, editing, deleting users, batch importing users, exporting users, exporting templates.
		Support user query by user name, user type and role.
	Role Management	Support the configuration of the user's data access permission and to limit user's access to the data of some departments.
	Body Worn Camera Management	Support the addition, modification and deletion of body worn camera.
		Support the distribution of body worn camera to relevant personnel.
	Docking Station Management	Supports the addition, modification and deletion of docking station, and supports the query of the device information of the docking station according to Department, device name, communication number, device IP, manufacturer, model, superior storage, online status, maintenance personnel and version information.
		Support remote configuration of the file storage period of the docking station.
	Storage Service Management	Support the 4G live streaming management of adding, viewing, modifying and deleting the files upload service, the setting of service start time, the viewing of storage service related information, such as IP, online status, total capacity, remaining capacity, etc., the configuration of storage service policy (storage period), and the function of setting storage period for ordinary files and important files respectively.
		Support the historical media file management of adding, viewing, modifying and deleting the files upload service, the setting of service start time, the viewing of storage service related information, such as IP, online status, total capacity, remaining capacity, etc., the configuration of storage service policy (storage period), and the function of setting storage period for ordinary files and important files respectively.
		Support to configure specified file of the docking station to be uploaded to server.
	QR code (Optional)	Support add, modify and delete the QR code for platform communication. The content of the QR code includes the APN information of the operator, the interface of the registered server and the address of the registered server. This feature is only available to super administrator Admin.
	Operation Log	Support natural language to describe user operation, including user information, operation time, operation content, operation result and other information, and support log export.
	License Management	Support license management of the system and prevent unauthorized docking station from accessing the system.

MAINTENANCE	
Collected Data Storage	Default 365 days, configurable
System log Storage	Default 180 days, cycle cover
Storage Capacity	Single server supports maximum 144T, support cloud storage with NFS protocol
Client Browser	Support IE11, Chrome and Firefox51
Client Operating System	Support Windows OS,including Windows 7/8/8.1/10 Pro/Enterprise
Expired Data Unclog	1. Automatically delete data when it expires 2. Docking station logs are not stored on the management platform 3. The management platform logs are saved for 180 days and covered in cycles
Storage Strategy Settings	There are three storage strategy: centralized, distributed and hybrid. • Centralized: the data of body worn cameras is stored in the storage server of the management platform, and the docking stations are mainly used for caching. • Distributed: the data of body worn cameras is distributed and stored on the docking stations, and the management platform mainly stores logs and indexes. • Hybrid: both centralized and distributed strategy, important files, marked and associated files are stored in the storage server of management platform, and ordinary files are stored in the docking station.
Device Status	The online status of docking station and storage server can be viewed in real time, also the storage status of storage server.
Software Upgrade	Support remote upgrade of docking stations.

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SPECIFICATION

SECURITY
Support the unified management of user permission, and can uniformly configure the user's operation permission and file access scope on the platform and docking station.
Adopt unified login verification. When the user's login password is wrong for more than three times, the user needs to enter the verification code to login. The system can generate the verification code.
Support to view the current login time, last login time, current login IP and last login IP to prevent account theft.
Support multi-level targeted setting of file storage period, can set the storage period of ordinary files and key files of the storage server, the storage period of files on the docking station, and the storage period of individual files. When the disk storage space is going to be full, the unexpired files will not be deleted automatically.
Support to control the number of access of docking stations. The docking station exceeding the setting number will be blocked to access to the system, and the capacity can be expanded through license authorization.
Support the limitation of the external devices of the docking station. The background can restrict the external USB storage devices of the docking station, and prohibit the illegal export of data to U disk and other devices.
Support user log audit. Support natural language description of user operations, including user information, operation time, operation content, operation results and other information. Support log export.

ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENS-BWEMS	Eyenor Body Worn Camera & Docking Station Evidence Management Software	1