

DEMS SOFTWARE USER MANUAL

Digital Evidence Management System (DEMS) is mainly for uploading and files management with body worn camera. It can connect up to 24 pieces cameras at same time. Based on MySQL, it is compatible with Win7/Win8/Win10/XP OS.

Hardware Requirements:

CPU: Not worse than Intel I3, 6th Generation

RAM: Not less than 4GB

Storage: Not less than 500MB

Screen Resolution: 1920x1080P.

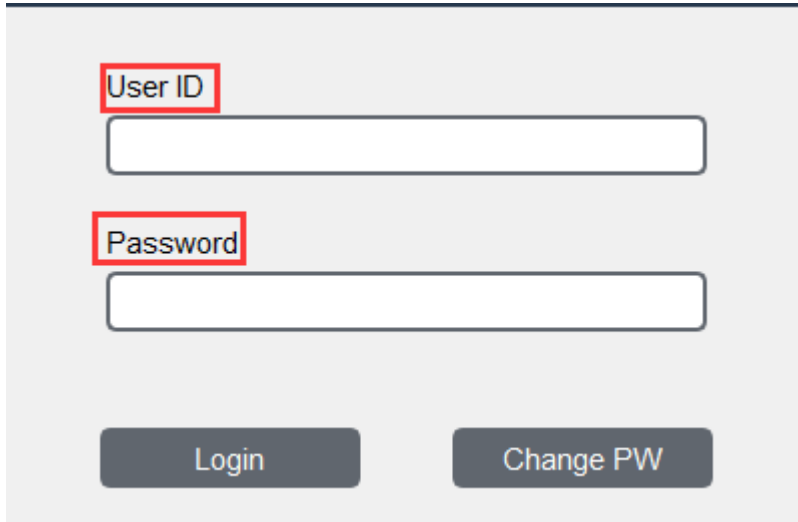
New Features:

- Support AES256+RSA2048 decryption
- Support tacking playback in the map
- Support case report/important tab/comments
- Multiple search filter
- Support Theme setting
- User Management with different levels of permission
- User Management with photo icon
- More stable connection with cameras

0. Login Page:

PS: Right Click the software and run as administrator,

When you login DEMS Software, The default user ID: 000000 Password: 123456



The login page features a light gray background. At the top, the text "User ID" is displayed in a red-bordered box above a white input field. Below this, the text "Password" is displayed in a red-bordered box above another white input field. At the bottom, there are two dark gray buttons: "Login" on the left and "Change PW" on the right.

1. Upload Page:

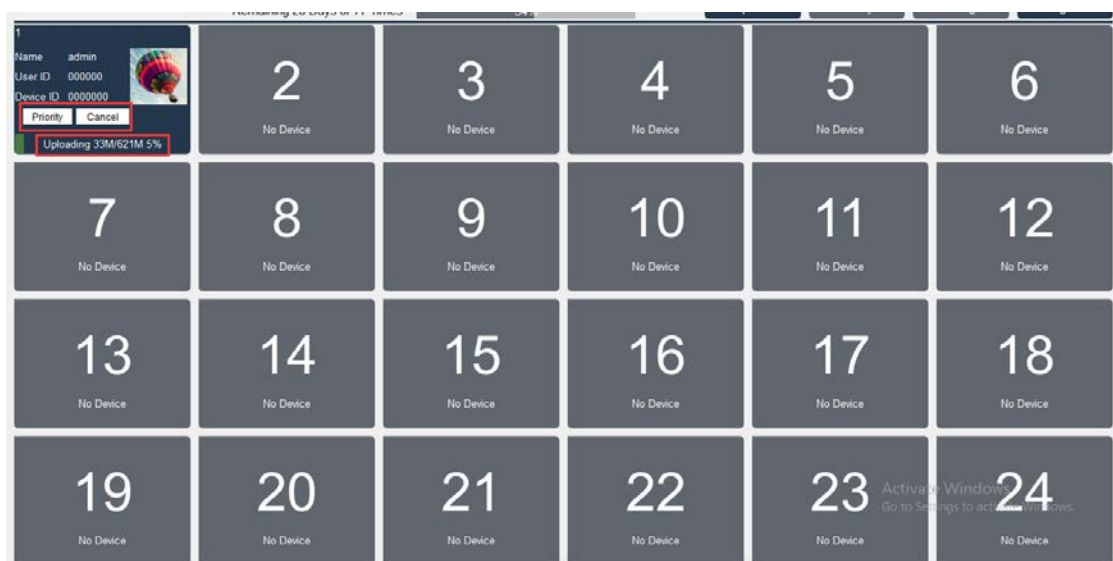
After login the software, user can find 24 slots in the upload page. At this page, user can connect the cameras and upload the data from camera to PC.

Once the camera has been connected, the software will read the ID number of camera. If the User&Device ID does not exist in the software database. It will inform the user to bind this camera with one specified user account. (See the screenshot below.)



After user bind the camera [User ID(UID) 111111/ Device Number(DID) 1111111] with a specified account (User ID 000000/Device ID 0000000). The software wrote the ID number into the camera. So the camera ID number become UID-000000 DID-0000000. And begin to upload the video.

PS: If user want to keep the camera ID number, he should create a User account IN ADVANCE. (UID-111111,DID-1111111). Software will not ask for binding a camera if it can find a same ID number in its database.



User can cancel uploading or make one slot to upload in priority.



2. Query Page:

Filter functions: Filtrate by User name, User ID, Department, Date, Video Type and Tag, as well as the Keywords. Tick the checkbox of filter items to activate it. For example, if user want to view the video of User ID 000000 within today, he need to tick the “User Name”, “Date” and “Video Type”. Then click “Query” button.

(PS: Keywords is based on the comment of files)

The screenshot shows the Query Page interface. On the left, there are filter options: Name (admin), User ID (000000), Department, Date (Today), From (12/27/2018), To (12/27/2018), Video Type (Video), Tab (No), and Keyword (Search). A 'Query' button is at the bottom of the filters. The main area displays a list of files. The 'Sort By' dropdown is set to 'Date', and the 'Descending' button is highlighted. The file list includes columns for Name, Department, User ID, Device ID, Encryption No, GPS No, and Video Length. The first file is 'Time:2018/12/26_18:19:44' with a size of 50M and type 'Video'.

Name	Department	User ID	Device ID	Encryption No	GPS No	Video Length
Time:2018/12/26_18:19:44		000000	0000000			00:00:38
Time:2018/12/26_18:19:41		000000	0000000			00:00:05
Time:2018/12/26_18:19:38		000000	0000000			
Time:2018/12/26_18:19:38		000000	0000000			
Time:2018/12/26_18:19:38		000000	0000000			

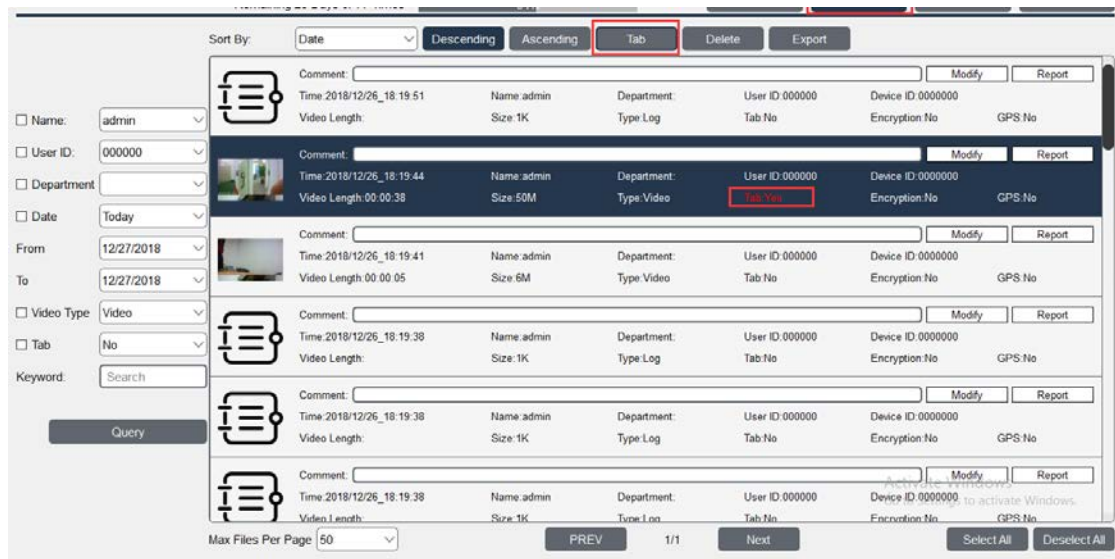
For the search result, user can sort the files by Date/ID/Tag/File Size/File Type. It could be “Descending” or “Ascending”. For example, if user want to view the newest files. He can choose “Sort by Date” and click “Descending”

The screenshot shows the Query Page interface with the search results sorted by Date in descending order. The 'Sort By' dropdown is set to 'Date', and the 'Descending' button is highlighted. The file list includes columns for Name, Department, User ID, Device ID, Encryption No, GPS No, and Video Length. The first file is 'Time:2018/12/26_17:50:12' with a size of 1K and type 'Log'.

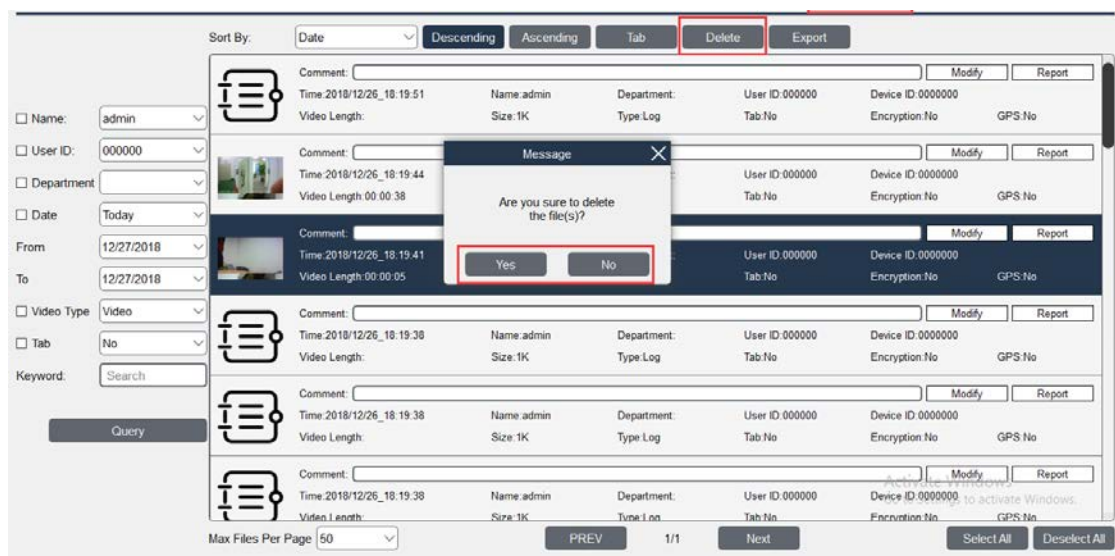
Name	Department	User ID	Device ID	Encryption No	GPS No	Video Length
Time:2018/12/26_17:50:12		000000	0000000			
Time:2018/12/26_17:50:12		000000	0000000			
Time:2018/12/25_19:56:42		000000	0000000			
Time:2018/12/25_19:56:42		000000	0000000			
Time:2018/12/25_19:56:42		000000	0000000			

Tag file: User can click “Tag” button to mark the file as an important file. The file details will show the “Tag” in red.

Click “Tag” again to cancel the important mark.



Delete File: Delete function is available under admin account. Other user role does not have permission to delete files, unless the admin assign this function for it.



Report/case analysis: Click the “Report” button. Software will pop up a notebook. Then user can add more details about this file.

Sort By: Date Descending Ascending Tab Delete Export

☐ Name: admin ☐ User ID: 000000 ☐ Department ☐ Date Today From 12/27/2018 To 12/27/2018 ☐ Video Type Video ☐ Tab No Keyword: Search Query

	Comment: Modify Report Time: 2018/12/26_18:19:51 Name: admin Department: User ID: 000000 Device ID: 0000000 Video Length: Size: 1K Type: Log Tab No Encryption No GPS: No
	Comment: Modify Report Time: 2018/12/26_18:19:44 Name: admin Department: User ID: 000000 Device ID: 0000000 Video Length: 00:00:38 Size: 50M Type: Video Tab No Encryption No GPS: No
	Comment: Modify Report Time: 2018/12/26_18:19:41 Name: admin Department: User ID: 000000 Device ID: 0000000 Video Length: 00:00:05 Size: 6M Type: Video Tab No Encryption No GPS: No
	Comment: Modify Report Time: 2018/12/26_18:19:38 Name: admin Department: User ID: 000000 Device ID: 0000000 Video Length: Size: 1K Type: Log Tab No Encryption No GPS: No
	Comment: Modify Report Time: 2018/12/26_18:19:38 Name: admin Department: User ID: 000000 Device ID: 0000000 Video Length: Size: 1K Type: Log Tab No Encryption No GPS: No
	Comment: Modify Report Time: 2018/12/26_18:19:38 Name: admin Department: User ID: 000000 Device ID: 0000000 Video Length: Size: 1K Type: Log Tab No Encryption No GPS: No

Max Files Per Page 50 PREV 1/1 Next Select All Deselect All

2017_0120_0612460000000_000000-001.JPG_caseAnalysis.txt

Organization: Department: Date: 2018/12/26_17:50:47 Full Name: admin User ID: 000000

Basic Information:

Description:

Conclusion:

Activate Windows
Go to Settings to activate Windows.

Save Export

Add Comment: Users can add the comments for files then click the “Modify”

Sort By:

☐ Name:

☐ User ID:

☐ Department:

☐ Date:

From:

To:

☐ Video Type:

☐ Tab:

Keyword:

Max Files Per Page:

1/1

Comment	Name	Department	User ID	Device ID	Encryption No	GPS No
	admin		000000	0000000		
Modify Report						
☐ Comment	admin		000000	0000000		
Modify Report						
☐ Comment	admin		000000	0000000		
Modify Report						
☐ Comment	admin		000000	0000000		
Modify Report						
☐ Comment	admin		000000	0000000		
Modify Report						

Video Playback: Double Click the video file. The dedicated player will pop up.

It supports frame playback, Screenshot, quick/slow playback and tracking playback.



Export File: Choose the file and click “Export” button. User can export the file to CD/USB Drive/other drive.

For the encrypted file, user can decide whether to remove the encryption or not,

The screenshot displays a web application for managing video files. On the left, there are search filters for Name, User ID, Department, Date, From, To, Video Type, Tag, and Keyword. The main area shows a table of video files with columns for Comment, Time, Name, Department, User ID, Device ID, Tag No, Encryption, and GPS. A modal dialog titled "Message" is open, asking "Need Encryption for Video" with "Yes" and "No" buttons. The "Export" button in the top right is highlighted with a red box. The "Encryption: Yes" and "GPS: Yes" fields in the table are also highlighted with red boxes.

Comment	Time	Name	Department	User ID	Device ID	Tag No	Encryption	GPS
	2019/01/07_18:43:31	admin		000000	0000000		Yes	Yes
	2019/01/07_18:36:24			000000	0000000		Yes	Yes
	2018/12/27_16:27:41			000000	0000000		No	No
	2018/12/27_16:27:38	admin		000000	0000000		No	No
	2018/12/27_16:27:35	admin		000000	0000000		No	No

3. Settings Page

3.1 Device Tab

The software support camera model S Eye, A Eye and USB mode camera.

A Eye: Support User ID and Device ID settings.

S Eye: Support User ID, Device ID, Resolution, Video Length, Photo Resolution, Loop Recording, Auto IR, Pre-record and Post Record Setting.

USB Mode Camera: Support User ID and Device ID settings

(PS: These ID settings are applied to camera hardware)

Device User Management Configuration Log

Select Your Camera

☒ A Eye
☐ S Eye
☐ USB Disk

User ID
Device ID
Video Length
Pre-record
Post-record
Video Resolution
Photo Resolution
Loop Recording
Auto IR

Read Settings

Activate Windows
Go to Settings to activate Windows.

3.2 User management Tab

Add User: Input the new user info then click “Add” button.

Modify Current User account: Choose the specified user account in the list, then modify the information and click the “Modify” button.

Delete User: Choose the specified user account in the list, then click the “Delete” button

The screenshot displays the 'User Management' tab in a software application. The interface is divided into two main sections: a 'List of Users' table on the left and a 'User Info' form on the right. The 'List of Users' table has columns for Photo, User ID, and Device ID, with two rows of data. The 'User Info' form includes fields for User ID, Password, Device ID, Name, Department, and Organization. It also features a 'User Role' section with radio buttons for 'User Management', 'Department Manager', and 'Admin'. Below this is a 'User Management' section with checkboxes for 'Add User' and 'Add Device'. The 'Security' section has checkboxes for 'Tag', 'Delete Data', 'Report', 'Export', and 'Software Settings'. The 'Access to' section has a dropdown menu with options: 'Personal Data', 'Personal Data', 'Department Data', and 'All Data'. On the right side of the form, there is an 'Image' section with a 'Photo' placeholder and an 'Add Photo' button. At the bottom right, there are 'Add', 'Modify', and 'Delete' buttons.

Photo	User ID	Device ID
	000000	0000000
	111111	000000

User Info

User ID: Password:
Device ID: Department:
Name: Organization:

User Role

☒ User Management ☐ Department Manager ☐ Admin

User Management

☐ Add User ☐ Add Device

Security

☒ Tag ☐ Delete Data ☒ Report ☐ Export ☐ Software Settings

Access to

Personal Data
Department Data
All Data

Image

Photo

Add Photo

Add
Modify
Delete

List of Users: The current user account exist in the software database.

User Info: The details user information including User ID, Device ID, Name, Department, Organization, Photo and its user role.

User Permission: Including the User management, operation and Data access. There are default permissions for different user role. Also, admin account can customize it if necessary.

(PS: These ID settings are applied to user account in software database)

3.3 Configuration Tab

The screenshot displays the 'Configuration' tab of a software interface. The top navigation bar includes 'Device', 'User Management', 'Configuration' (highlighted), and 'Log'. The main content area is divided into two primary sections: 'Storage Path' and 'Software Settings'.

Storage Path: This section features a table with the title 'Storage Path'. It contains two rows, both with the value 'C:/DEMS'. Below the table are two buttons: 'Add Path' and 'Delete Path'.

Software Settings: This section contains various configuration options:

- Theme:** A dropdown menu set to 'Theme1'.
- Language:** A dropdown menu set to 'English'.
- Scan Period(s):** A dropdown menu set to '10'.
- Alert When Free Space Less Than(%):** A dropdown menu set to '30'.
- Lifecycle of Data (Days):** A spinner control set to '1'.
- Lifecycle of Important Files (Days):** A spinner control set to '1'.
- Lifecycle of Log (Days):** A spinner control set to '1'.
- Checkboxes:**
 - ☐ Delete Files in Camera After Upload Finished
 - ☒ Need to Bind Camera Before Uploading
 - ☐ Autorun with Windows
 - ☐ Virtual Keyboard

Software Register: This section includes a text box for a license key and a 'Register' button. The text above the box reads: 'Your Machine Code Is 11643805, Please Copy Your Software License Below:'.

At the bottom right of the interface, there is a watermark for 'Activate Windows' and a 'Save Settings' button.

Storage Path: In the list, the first one is the primary storage path and the 2nd one is the spare storage path. Once the primary one is full, the software will switch to spare storage path.

Scan Period: It determines the scan time of software. Software will scan camera every 10 seconds. If some computer is in low-performance, we suggest to set it 20 seconds.

Lifecycle of files: Delete the files at specified time. For example: the software will delete the normal files (without tag) at 30th days.

Bind Camera before Upload: Once this checkbox is activated. The software will match the camera ID with the user account ID in database. It only allow the bind camera to upload the video.

3.4 Log Tab

This page contain all operation log of software. Including, login, logout query, delete and so on.

The screenshot displays the 'Log' tab in a software interface. At the top, there are navigation tabs: 'Device', 'User Management', 'Configuration', and 'Log'. The 'Log' tab is selected and highlighted with a red box. Below the navigation tabs, there is a calendar for January 2019, also highlighted with a red box. The calendar shows the days of the week and the dates. To the right of the calendar, there are buttons for 'Read Log' and 'Download Log'. Below the calendar, a list of system logs is displayed, showing timestamps and actions such as 'Power Off', 'Power On', 'Login', and 'Logout the System'. The logs are listed in a vertical column, with the first log entry being '16:28:12 000000 Logout the System'.

Device	User Management	Configuration	Log			
1/7/2019 Read Log Download Log						
January 2019						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9

16:28:12 000000 Logout the System

16:28:12 Power Off

16:38:11 Power On

16:40:56 Power Off

16:58:17 Power On

16:58:26 000000 Login

16:58:31 000000 Login the Data Query Page

16:59:00 000000 Logout the System

16:59:00 Power Off

17:35:43 Power On

17:35:52 000000 Login

17:35:57 000000 Login the Software Settings Page

17:36:44 000000 Logout the System

17:36:44 Power Off

17:37:05 Power On

17:37:13 000000 Login

17:37:17 000000 Login the Software Settings Page

17:39:19 000000 Logout the System

17:39:19 Power Off

17:57:43 Power On

17:57:55 000000 Login