

DEMS Collector 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 image shows a login window for 'SHELLEYES'. The window has a dark blue header with the 'SHELLEYES' logo and name on the left, and a close button (X) on the right. Below the header, the background is light gray. There are two input fields: 'User ID' and 'Password'. Both labels are in red boxes. Below the 'User ID' field is a white input box. Below the 'Password' field is a white input box. At the bottom, there are two buttons: 'Login' and 'Change PW'.

User ID

Password

Login Change PW

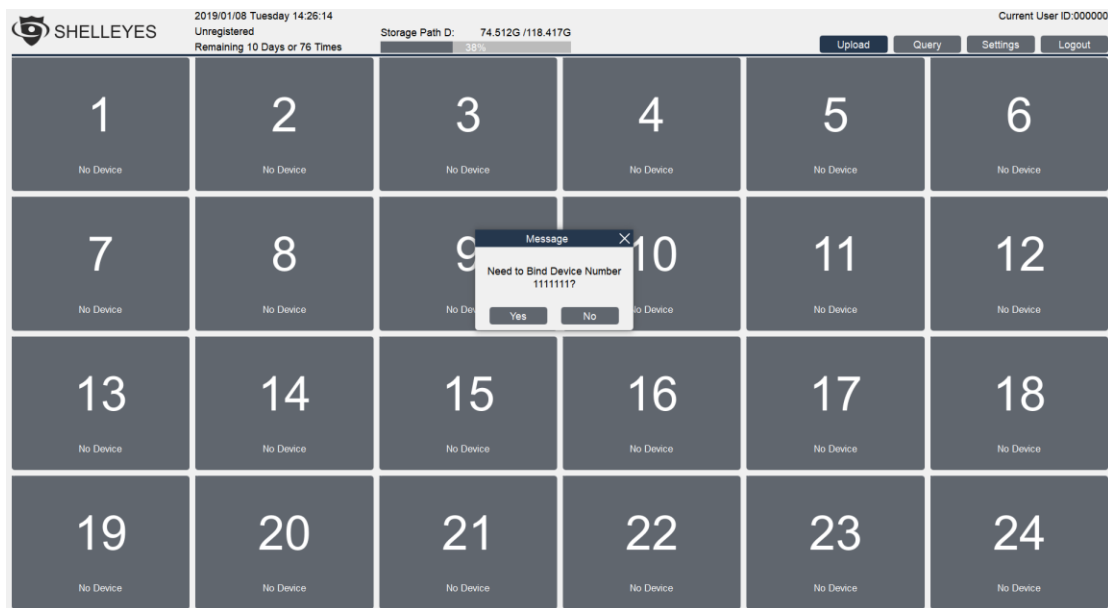
1. Upload Page:

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.

DEMS can be installed on a windows computer PC. Camera will connect via USB of computer. DEMS can be installed on special docking station also. Camera will be docked on the cradle of docking station. Docking station will charge and collect videos from cameras by DEMS client software. DEMS client software will transfer data to central management server according to schedule.

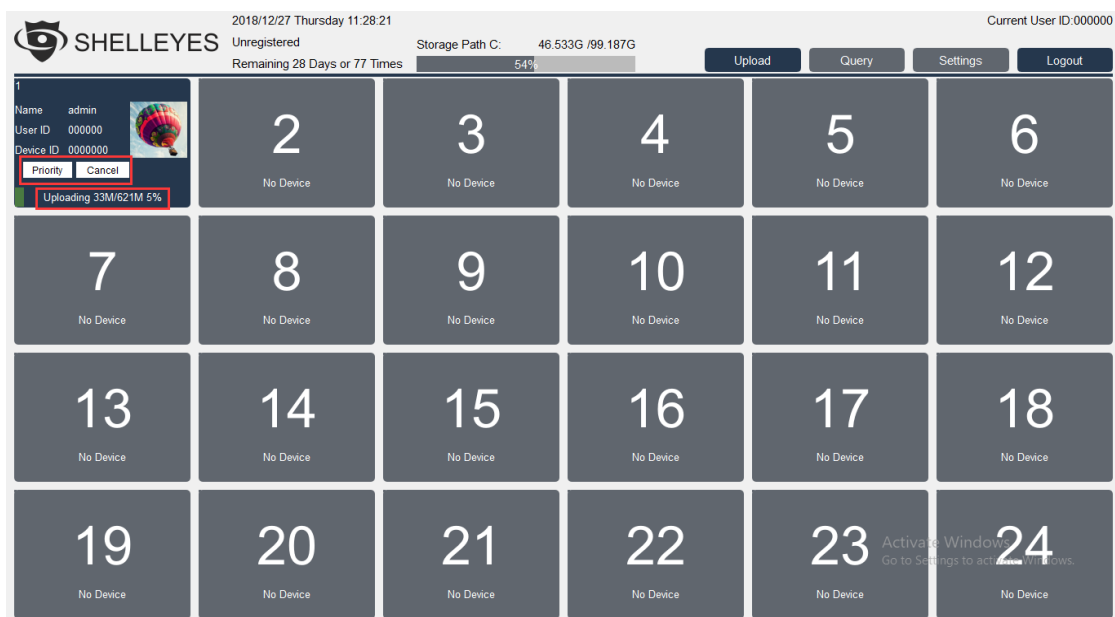


Once the camera has been connected, the software will read the ID number of camera. If the User&Device ID does not exist in the software database. It will inform the user to bind this camera with one specified user account. (See the screenshot below.)




After user bind the camera [User ID(UID) 111111/ Device Number(DID) 111111] 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-111111). 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.

SHELLEYES

2018/12/27 Thursday 11:30:41

Current User ID:000000

Unregistered

Storage Path C: 46.520G /99.187G

Upload

Query

Settings


Logout

1

Name admin

User ID 000000

Device ID 0000000



Upload Finished... Charging Battery

2	3	4	5	6	
No Device	No Device	No Device	No Device	No Device	
7	8	9	10	11	12
No Device	No Device	No Device	No Device	No Device	No Device
13	14	15	16	17	18
No Device	No Device	No Device	No Device	No Device	No Device
19	20	21	22	23	24
No Device	No Device	No Device	No Device	No Device	No Device

Activate Windows
Go to Settings to activate Windows.

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 SHELLEYES interface with the 'Query' button highlighted. The left sidebar contains 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). The main area displays a list of files 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, GPS, and Video Length. The first file is 'Time 2018/12/26_18:19:44' with a size of 50M and type 'Video'.

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”

This screenshot shows the same SHELLEYES interface, but the 'Descending' button in the 'Sort By' section is highlighted. The file list is updated to show the newest files first. The first file is 'Time 2018/12/26_17:50:12' with a size of 1K and type 'Log'. The second file is 'Time 2018/12/25_19:56:42' with a size of 1K and type 'Log'. The 'Max Files Per Page' is set to 50.

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.

2018/12/27 Thursday 10:49:44
SHELLEYES Unregistered Storage Path C: 46.544G /99.187G
Remaining 28 Days or 77 Times 54% Current User ID:000000

Upload Query Settings Logout

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:Yes	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

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.

2018/12/27 Thursday 10:51:27
SHELLEYES Unregistered Storage Path C: 46.546G /99.187G
Remaining 28 Days or 77 Times 54% Current User ID:000000

Upload Query Settings Logout

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

Message

Are you sure to delete the file(s)?

Yes No

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

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

Users can edit and cut video/audio files to any time segment. And add it to the report.

The screenshot displays the SHELLEYES software interface. At the top, it shows the date and time (2018/12/27 Thursday 10:56:56), storage path (C:\46.545G\99.187G), and current user ID (000000). The interface includes a sidebar with filters for Name, User ID, Department, Date, From, To, Video Type, and Tab. The main area shows a list of files with columns for Time, Name, Department, User ID, Device ID, Encryption, and GPS. Each file entry has a 'Modify' and 'Report' button. The 'Report' button is highlighted in red. Below the file list, there are pagination controls (PREV, 1/1, Next) and buttons for 'Select All' and 'Deselect All'. At the bottom, a case analysis report is open, showing details for a file named '2020_0306_1011330000000_0000000-001_MP4_caseAnalysis.txt'. The report includes fields for Organization, Department, Date, Name, and User ID. The 'Details' section is empty, and the 'Conclusion' section is also empty. At the bottom of the report, there are controls for 'Start Time' (2:03:00), 'Length' (11s), and buttons for 'Add Video Segment', 'Add Audio Segment', 'Add Photo', 'Add Snapshot', 'Save', and 'Export'.

2018/12/27 Thursday 10:56:56
Unregistered
Storage Path C: 46.545G /99.187G
Remaining 28 Days or 77 Times
Current User ID:000000

Upload Query Settings Logout

Sort By: Date Descending Ascending Tab Delete Export

Comment: [Text Box] Modify Report

Time	Name	Department	User ID	Device ID	Encryption	GPS
2018/12/26_18:19:51	admin		000000	0000000	No	No
2018/12/26_18:19:44	admin		000000	0000000	No	No
2018/12/26_18:19:41	admin		000000	0000000	No	No
2018/12/26_18:19:38	admin		000000	0000000	No	No
2018/12/26_18:19:38	admin		000000	0000000	No	No
2018/12/26_18:19:38	admin		000000	0000000	No	No

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

2020_0306_1011330000000_0000000-001_MP4_caseAnalysis.txt

Organization: Department: Date:2020/03/06_10:11:32 Name: User ID:0000000

Introduction:

Details:

Conclusion:

Start Time 2:03:00 Length 11s Add Video Segment Add Audio Segment Add Photo Add Snapshot Save Export

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

2018/12/27 Thursday 11:02:59 Current User ID: 000000

SHELLEYES Unregistered Storage Path C: 46.536G / 99.187G

Remaining 28 Days or 77 Times 54% Upload Query Settings Logout

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	Time	Name	Department	User ID	Device ID	Encryption	GPS
<input type="text" value=""/>	2018/12/26_18:19:38	admin		000000	0000000	No	No
<input type="text" value=""/>	2018/12/26_17:50:47	admin		000000	0000000	No	No
<input type="text" value=""/>	2018/12/26_17:50:47	admin		000000	0000000	No	No
<input type="text" value=""/>	2018/12/26_17:50:47	admin		000000	0000000	No	No
<input type="text" value=""/>	2018/12/26_17:50:47	admin		000000	0000000	No	No

PREV
1/1
Next
Select All Deselect All

Video Playback: Double Click the video file. The dedicated player will pop up.
It supports frame playback, Screenshot, quick/slow playback and tracking playback.

2017_0117_0300140000000_000000-001.MP4

0000000/000000 N22/39/55 E114/12/49 0KM/H 2017/01/17 03:00:21

X1.0
00:00:07/00:00:38

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 the SHELLEYES Digital Evidence Management System interface. The top header shows the system name, date (2019/01/07), time (18:44:14), storage path (D: 100.949G / 123.567G), and current user ID (000000). The interface includes a sidebar with search filters (Name, User ID, Department, Date, Video Type, Tag, Keyword) and a main table of evidence files. A modal dialog titled "Message" is open, asking "Need Encryption for Video" with "Yes" and "No" options. The dialog is positioned over a file entry that has "Encryption: Yes" and "GPS: Yes" status.

System Information:

- System: Digital Evidence Management System -V1.0.0.1
- Date: 2019/01/07 Monday 18:44:14
- Storage Path D: 100.949G / 123.567G
- Current User ID: 000000

Search Filters:

- Name: admin
- User ID: 000000
- Department:
- Date: Today
- From: 1/7/2019
- To: 1/7/2019
- Video Type: Video
- Tag: No
- Keyword: Search

File List:

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

Modal Dialog:

Message

Need Encryption for Video

Yes 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)

2018/12/27 Thursday 11:13:19
Unregistered
Remaining 28 Days or 77 Times
Storage Path C: 46.534G / 99.187G
54%
Upload Query Settings Logout
Current User ID: 000000

Device User Management Configuration Log

Select Your Camera

☒ A Eye
☐ S Eye
☐ USB Disk

User ID
Device ID
Video Length 5 mins
Pre-record Off
Post-record Off

Video Resolution 1296P
Photo Resolution 32M
Loop Recording Off
Auto IR Off

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

Digital Evidence Management System - V1.0.0.1

2019/01/07 Monday 17:37:56

Unregistered

Storage Path D: 101.002G / 123.567G

Remaining 17 Days or 58 Times

19%

Upload Query Settings Logout

Current User ID: 000000

Device User Management Configuration Log

List of Users

Photo	User ID	Device ID
	000000	0000000
	111111	000000

User Info

User ID:

Device ID:

Name:

Password:

Department:

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

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

2018/12/27 Thursday 11:18:00
Unregistered
Storage Path C: 46.532G /99.187G
54%
Upload Query Settings Logout

Device User Management Configuration Log

Storage Path:

Storage Path
C:/DEMS
C:/DEMS

Add Path Delete Path

Software Settings:

Theme: Theme1
Language: English
Scan Period(s): 10
Alert When Free Space Less Than(%): 30
Lifecycle of Data (Days): 1
Lifecycle of Important Files (Days): 1
Lifecycle of Log (Days): 1

☐ Delete Files in Camera After Upload Finished
☒ Need to Bind Camera Before Uploading
☐ Autorun with Windows
☐ Virtual Keyboard

Software Register:
Your Machine Code Is 11643805, Please Copy Your Software License Below:

Register

Activate Windows
Go to Settings to activate Windows.
Save Settings

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.

Digital Evidence Management System -V1.0.0.1

2019/01/07 Monday 18:56:21

Storage Path D: 100.956G /123.567G

Current User ID:000000

Unregistered

Remaining 17 Days or 52 Times

10%

Upload Query Settings Logout

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