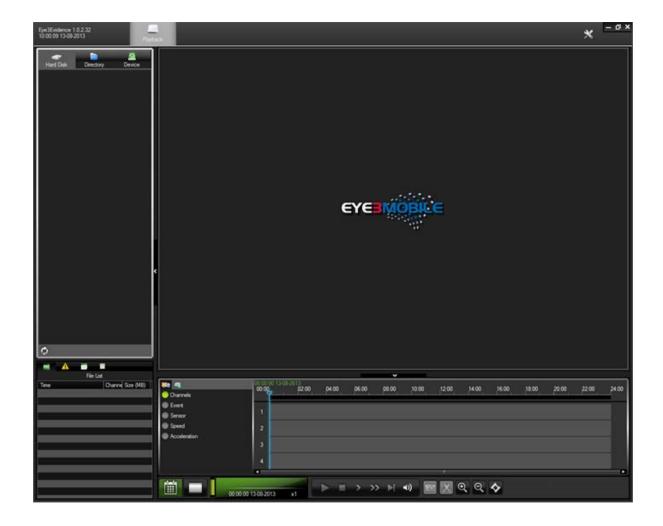


# Eye3Evidence (Video Management System)

## **User Manual**



©Copyright 2012-2014, MAI Media Group, LLC d.b.a. Eye3Data All Rights Reserved



Contact Information Eye3Data 9624 Cincinnati Columbus Rd., Suite 310, Cincinnati, OH 45241 USA Web site: <u>www.eye3data.com</u>

Local Phone: 513-779-0604; Local Fax: 513.898.0206 North American Sales: 877.777.9059 Email: <u>sales@eye3data.com</u> Technical Support Email: <u>technical\_support@eye3data.com</u> Customer Support Email: <u>customer\_service@eye3data.com</u>

#### LEGAL NOTICE

Copyright ©2012 Eye3Data. All rights reserved. Eye3Data, VTracker, WitnessPro, WitnessPro-HR, Eye3Connect, Eye3Dispatch, Eye3Evidence are registered trademarks of MAI Media Group – LLC.

Acrobat is a registered trademark of Adobe Systems Incorporated. Microsoft and Microsoft Windows registered trademarks of Microsoft Corporation. The information contained in this guide is subject to change without notice. This manual was last modified on September 1, 2012.

For your Records

Complete the following product purchase information. The factory requests this information when contacted for technical support. It is also valuable in case of loss or theft.

Purchase Date: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Thank you for using Eye3Data products.



## Table of Content

1 0	verview	4
2 L	ocal Playback Operation	4
1.1	Client Un-installation	7
1.2	Main Interface Introduction	8
1.3	Search the Hard Disk List	10
1.4	Search the Calendar	10
1.5	Playback with Metadata	13
1.6	Event File List	13
1.7	Operation Bar	
1.8	Event Diagram	15
1.9	Map Control	16
1.10	2.11 Video Clip	17
3 R	emote Playback Operation	19
3.2	Install Eye3Connect Server	
3.2.1	Setup the Message Server	19
3.2.2	Add the Device Manually	
3.2	.3 Remote Control	23



## 1 Overview

Eye3Evidence is a Video Management System which manages video files that are downloaded via Eye3Connect or manually via (HDD or SD) and stored in your network. Main features of Eye3Evidence are:

- 1) Playback and analyze the video files (the regular files and the event files)
- 2) Event file filtering function
- 3) Remote and local playback
- 4) Clip the video files

Eye3Evidence combine video playback, video analysis, live view, video download functions together.

Eye3Evidence software consists of server and client. Server is used to get the vehicle online information, and client is for user to operate Eye3 devices.

## 2 Local Playback Operation

For local playback please install client only version and for remote direct playback from the device user must install Eye3Evidence Server.

**Client Installation** 





Setup - Eye3Evidence
License Agreement Please read the following important information before continuing.
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
SOFTWARE LICENSE AGREEMENT PLEASE READ THIS SOFTWARE LICENSE AGREEMENT CAREFULLY BEFORE DOWNLOADING OR USING THE SOFTWARE. BY CLICKING ON THE "ACCEPT" BUTTON, OPENING THE PACKAGE, DOWNLOADING THE PRODUCT, OR USING THE EQUIPMENT THAT CONTAINS THIS PRODUCT, YOU ARE CONSENTING TO BE BOUND BY THIS AGREEMENT. IF YOU DO NOT AGREE TO ALL OF THE TERMS OF THIS AGREEMENT, CLICK THE "DO NOT ACCEPT" BUTTON AND THE INSTALLATION PROCESS WILL NOT CONTINUE, RETURN THE PRODUCT TO THE PLACE OF PURCHASE FOR A FULL REFUND, OR DO NOT DOWNLOAD THE PRODUCT.
<ul> <li>I accept the agreement</li> <li>I do not accept the agreement</li> </ul>
< Back Next > Cancel

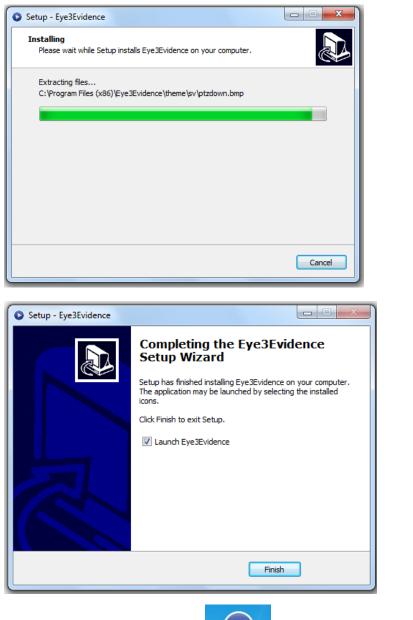
Setup - Eye3Evidence	
Select Destination Location Where should Eye3Evidence be installed?	
Setup will install Eye3Evidence into the following folder.	
To continue, click Next. If you would like to select a different folder, clic	k Browse.
C:\Program Files (x86)\Eye3Evidence	Browse
At least 115.3 MB of free disk space is required.	
< Back Next >	Cancel



Setup - Eye3Evidence
Select Start Menu Folder Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
Eye3Evidence Browse
< Back Next > Cancel

Setup - Eye3Evidence	
Select Additional Tasks Which additional tasks should be performed?	
Select the additional tasks you would like Setup to perform while installing Eye3Evidence, then click Next.	1
Additional icons:	
Create a desktop icon	
Create a Quick Launch icon	
< Back Next >	Cancel





After the installation, the Eye3Evidence icon

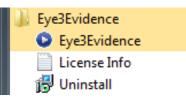


will appear on your desktop.

### 1.1 Client Un-installation

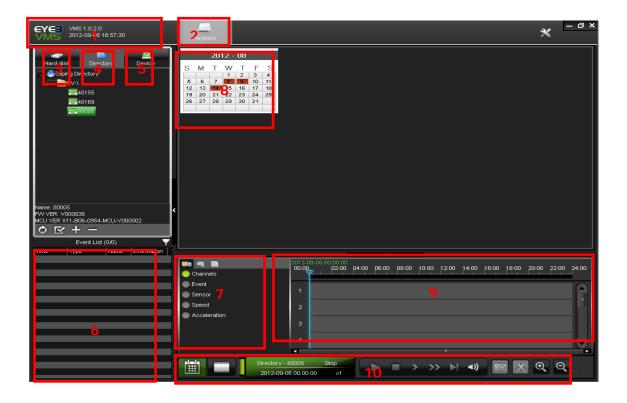
Go to START—ALL PROGRAMS—Eye3Evidence to select Uninstall Eye3Evidence to delete Eye3Evidence Client





### 1.2 Main Interface Introduction

Double click on Eye3Evidence icon to start the software. If you use WIN7, please run as Administrator to make sure all functions work fine.





VMS 1.0.2.0 2012-09-06 15:55:33	Playback		* *
Hard disk Directory Device Cliping Directory VX 40155 30005	1 2012 0F 31 0F 201-01 Resolution 704 * 480 Frame 30 Bit rate 245.56 kB lgntion ON 3 010035 480 Juli 41 Bh. 50 Frame 30 Resolution 704 * 480 Frame 30	Resolution 704*480 Frame S0 Bit rate 204.12 KB Ignition DN	the stellite
MCU VER X5-B01-0535-MCU-T041201	Bit rate 214.64 KB Ignition ON	Bit rate 248.00 KB Ignition ON	
Event List (0/0)		<mark>13</mark> ≪ ≫	Goog Imagery @2012 - Terms of Use
Time Type Name Informatio		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
	🛤 🧠 🖻 Ochannels	2012-08-31 06:00:05 00:00 02:00 04:00 06:00 08:00 10:00 12:00	14:00 16:00 18:00 20:00 22:00 24:00
	Event	1	
	Sensor Speed		
		2	
		3	
	Directory - 2012-08-3	40155 Play ⅠⅠ ■ > >> ►	•) 🖻 🗶 🔍 Q

- 1) Version number
- 2) Playback mode. Currently the Eye3Evidence supports playback function only.
- 3) Eye3Evidence supports 3 different ways for video file playback.
  - a) Local Playback. Take out the MDVR removable hard disk case (or SD

card) and connect it with PC directly by the USB port (or insert the SD card to the card reader). In this situation, select hard disk icon to playback the video file. For this mode you get the video files from the external hard disk or SD card for playback directly.

- b) Network Playback. Connect the hard disk or SD card to the PC and download the video files to PC already. In this situation, you get the files from the PC directly, please select the directory icon for playback.
- c) Remote Device Playback. Access video files remotely by WIFI or LAN.
- 4) The file list after searching
- 5) Different events for playback
- 6) Calendar shows which day is valid for video files
- 7) Show the video/alarm/speed chart in details
- 8) Operation bar
- 9) Video file playback window
- 10) GPS map



11) Image display mode

### 1.3 Search the Hard Disk List

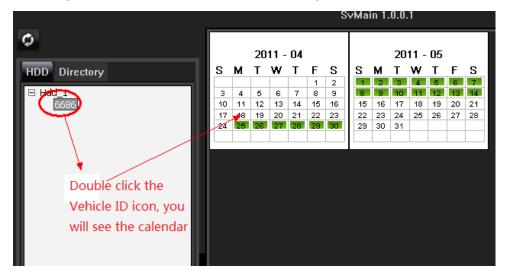
If you connect a hard disk or SD card in your PC, you will see the hard disk list at top left. If you can't see the

list, please click for the refresh, then you will see it as follow:



### 1.4 Search the Calendar

After you get the hard disk list, double click the sub icon for the vehicle number. For example in the below photo, you double click 6686 (6686 is the vehicle number), the record file calendar will pop up as shown in the picture, GREEN means the day has normal recorded files. RED means the day has alarm recorded files.





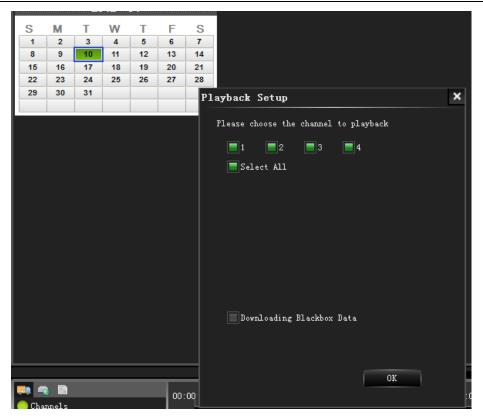
S	м	т	2011 - 05 W	т	F	S
1	2	3	4	5	6	7
<u> </u>	~				0	
8	9	10	- 11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

If you click on the date with in green, the channels that you need to select for playback will pop up on the system.



Select the channel to playback.





After you select the channel and click OK, the system will playback the video files automatically.





### 1.5 Playback with Metadata

Playback with Metadata means that the video, audio, GPS data, metadata can playback synchronously. Meanwhile, the metadata information will be analyzed as well. When you try to drag the bar to different time for playback, the GPS data, metadata will be refreshed as well.

### 1.6 Event File List

When you double click the vehicle number, the calendar will pop up, then click the date, you will find the file list on thar date at the left bottom in the interface.

Time	10	Type	
17:42:28	10	Sensor I	5
17,42:31	15	Sensor E	X
17:43:23	3	Sensor I	
17:43:23	15	Sensor E	6) -
17:44:19	10	Sensor I	÷.
17:47:08	15	Sensor E	5 C
17:47:18	15	Sensor I	54 L
17:48:25	15	Sensor I	Ð.
17:48:29	3	Sensor I	ÐŰ.
17,48:32	12	Sensor E	1
17:49:06	10	Sensor E	1
17:49:19	3	Sensor	
17:49:31	10	Sensor E	
< II	1	,	

Double click each event file for playback.

### 1.7 Operation Bar

You can do any play operation, such as play, pause during the video file playback.

### 1) Video Playback Window and Calendar Switch





#### 3) Play & Pause



#### 4) Stop



If you click the stop button, the system will stop playback and return to calendar search interface directly.

#### 5) Slow Forward and Fast Forward

	Directory - Drive 1_ Play 2012-01-10 15:37:39 x1	- 11 -	>	▶ ■)	10 X Q Q
--	---	--------	---	------	----------

#### 6) Next Frame Playback

	Directory - Drive 1_ 2012-01-10 15:37:39	Play		、		ы	<b>-</b> 0)	60	¥	æ	Θ
 	2012-01-10 15:37:3	9 x1		1	~		79		~	~	~

#### 7) Volume Control



#### 8) Snapshot



If you want a snapshot, choose the video window first, and then click the snapshot icon to obtain the snapshot and select the path to save the snapshot.





### 1.8 Event Diagram

### 1) Time Bar and Video Period Display

When you click on a specific date on the calendar, if the date is valid with video files, then the time bar will turn to green to show the period for the video files.

00:00	02:00	04:00	06.00	08:00	10.00	12,00	2012-01-10 14:00	16:00	18:00	20:00	22.00	24:00
1												12
2												
3												
4												10

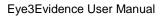
#### 2) Drag Bar

Drag the bar to point to different times to get the corresponding video files and metadata information, and GPS location.

2012-01-1 14:00	0 15:39:21 16:00	18:00
		_
		1

#### 3) Zoom Bar

Drag the zoom bar to zoom in or zoom out of the time scale. (Exact to each second)









#### 4) Diagram for Metadata Analysis

You can click the zoom in and out icon to enlarge or minimize the diagram for metadata as well.

Channels	15.19 15.21	15:24	15:27 15:30	15:33	2012-01-1 15:36	10 15:39:21 5:39 15:42	15:45 15:4	18
Event				-				46.0 MPH
Sensor Speed 14.0 MPH								
Acceleration							1 /4	1
								0.0 MPH
				and humanity of the state		and the second star back star has		

15.19	15:21	15:24	15:27	15:30	15:33	15:36	01-10 15:39 : 15:39	15:42	15.45	15:48
				-						104.0 8
Device Temp										100.0 8
Environment Temp.										0.0 F
		Device Temp	Device Temp	Device Temp		- Device Татр	15:19 15:21 15:24 15:27 15:30 15:33 15:36 Device Temp	15:19 15:21 15:24 15:27 15:30 15:33 15:36 15:39	Device Temp	15:19 15:21 15:24 15:27 15:30 15:33 15:36 15:39 15:42 15:45

### 1.9 Map Control

Map Control displays the real GPS location and GPS tracking line when you playback the video files. The



Eye3Evidence can support different map styles including Map, Satellite, Hybrid and Terrain.



### 1.102.11 Video Clip

When clipping a video file, it will clip the corresponding black box data and log file as well, and will save all the data in the same storage path. When you start to clip, the video playback will stop. Then click the clip icon to enter into the clip interface.

Click the video clip icon and then click the icon on the right.

08:00	10:00	12:00	14:00	16:00	18:00	20:00	22:00	24:00
								1.00 🗡
								×
								0.00
▶  ◄))			Q					

The following interface will pop up



Clip setup				
Start Time	06:14:02			
End Time	06:28:10			
Channels				
📃 1 📃 All	2	3	<b>=</b> 4	
Browse				
D:\CEIBA\				
💭 Clip 🛛 🔵 Exp	ort			
(The 264 file will be	e compres	sed to exe	e file wi	th MINI p
The exported file sl	hould be le	ess than 1	.5G	
Password	*****			
		OK		Can

In this interface, you can setup the start time and end time of the video you want to clip; you can also choose the channel for clip and save the path for clip storing. CLIP means to just clip the video only.

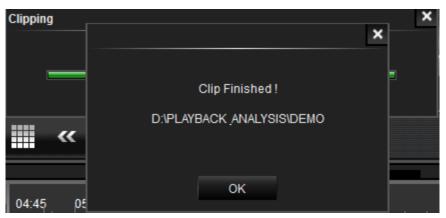
EXPORT means it will export the Miniplayer and package as .exe file. You can playback this .exe file directly by the Eye3 Mini Player which is a very simple player and needs no installation.

🔀 Drive 1_20120110_150834_160510	2012/7/6 16:10	815,395 KB
----------------------------------	----------------	------------

Password is used for the .exe file when you want to open it.

After you setup all the settings, click ok and it will start to clip, as follow:

Clip finished.





If the video has been clipped before, you will get the following message:

Clip	X
Find a same file, cover it or not?	
OK Cancel	

## **3 Remote Playback Operation**

Remote Playback means to playback the video files in the MDVR hard disk or SD card directly by WIFI or LAN using Eye3Connect (Auto Download). For Eye3Connect please refer to Eye3Connect installation document.

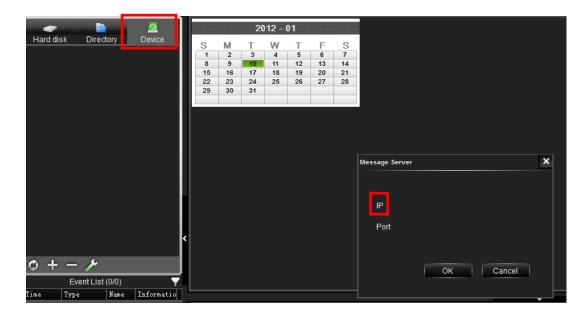
### 3.2 Install Eye3Connect Server

Please refer to Eye3Connect Server installation Manual.

### 3.2.1 Setup the Message Server

Once installed Eye3Connect, please click the Device Icon on the tool icon on the Eye3Evidence Client interface, then the Message Server Interface will pop up as follows:





IP is the IP address for the Eye3Evidence Server.

The port is the register port of the message server. After setup, save it and then press the refresh button, it will search and display all the online devices in the message server, as follow:

### 3.2.2 Add the Device Manually

### 1) Add a group

Please click icon "+" to get the configuration box, and then setup a name for the group (see image below) :



← Hard disk D Auto regis	irectory ter	o Device					
			Åd	d a Group			×
				Group			
				Name	Testing		
					OK	Cancel	
¢ + − .	بو						

#### 2) Add a device

Right click the group icon that you have added, select the add device to get the configuration window (see image below):

The transmit server IP is the IP address of the transmit server.

Hard disk	Directory ting(02012)	Q Devic	ce		
			Add a Device		×
			Group	SVT.	
			Vehicle Number	123456	
			ID	000011	
			Channel Count	4	
			Transmit Server IP	192. 168. 3. 153	
0+-	- <i>J</i> r				
State of Sta	vent List (0/0)				
Tine Typ					

After successfully adding, the following information will appear on the interface (see image below):





### 3) Remote Playback

Please click the vehicle number icon for playback directly.

The steps for remote search and playback are the same as the local playback.







### 3.2.3 Remote Control

### 1) Remote Upgrade

To Remote Upgrade, right click on the online vehicle. You can choose to remotely upgrade the firmware for this device (but it is not recommended by the manufacturer). To Remote Upgrade, follow the instructions below:

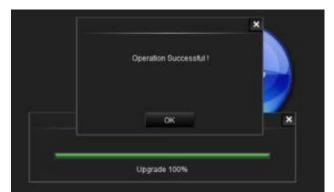


NOTE: if the MDVR is offline, you can't get the setup menu interface. Remote firmware is not recommended by manufacturer. However, make sure that the MDVR is power supplied during the upgrading otherwise the MDVR FLASH can be burned easily.



BH+ R#24R			10.00	18	
10.0810 E	421	54			-
- CRACLOPRE	A STATEMENT BALLAND				-
₩ c (V,181.358.25	1 -1				-
12 本地統計(A) (X)	1403 and 7111021011212218	LINE ENGORIES and			5
Construction of the second of					
• RA					
	M. 41,-111007110071				

Choose the firmware file that you are going to upgrade, please make sure the version you want to upgrade is newer than the one on the MDVR.



If transmitted successfully, you will get the information as above. Please note that this will take several minutes.

### 2) Remote Configuration

For Remote Configuration, right click on the online vehicle. You can choose Remote Configuration to setup all the parameters of this device remotely. To remotely set up configurations, follow the instructions below:



You can choose remote settings to connect to MDVR, if connected successfully, the above interface appear. The ID and Password is the same as you would use when log in to the MDVR.



LART IC:	00	
Respinoro:		
	LOGIN	

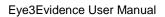
Type in the unit ID and password, and the following interface will appear:

D SETUP		DATE/TIME	
ECORD	05/31/2012 - FORMAT	MM/DD/YYYY • THURSDAY	
NETWORK	15:50:53 - FORMAT	241 •	
<ul> <li>B EVENT</li> <li>B PERIPHERAL</li> </ul>	TIME SYNC SOURCE:	GPS •	
SYSTEM 1870.	TIME ZONE:	+8 •	
	DST:		
		SAVE	

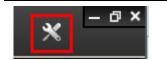
The remote configuration interface is very similar to the MDVR GUI; you can do all the settings for the MDVR here. When you are finished with the modifications, click the Save icon and then click on the Apply icon to active the modifications. If you don't click on the Apply icon, then the entire configuration won't be active. (See image below):



Click the setup icon on the right top hand corner of the main interface, as below image:







1) Setup the Login Password for Eye3Evidence and Map Format

System setup		
System Record		
Setup a l	gin password:	
Map setup:		
Туре	Google Map	
	Google Map	
	MapInfo	

2) Recording Location Setup

System setup			
	System Record		
	Root video folder name(A file name cannot contain any of the following characters:/\:*?"		
	Vi deo		
	Toverwrite disk when full.		
	Disk	Select drive and percentage of available disk space to be used.	
	<b>C</b> :	).	99%
	<b>D</b> :	) _	99%
	<b>E</b> :	i	99%
	<b>F</b> :		99%