

# REVEAL<sup>®</sup>

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## JUST VIEW IT<sup>®</sup>

### MDVRPlayer Guidebook For All Reveal MDVRs



A division of  
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# REVEAL<sup>®</sup>



Although the MDVRPlayer is a 3<sup>rd</sup> party program, we have compiled an easy-to-use instructional guide to make using it seamless with the Reveal MDVRs.

Because of the new improvements to the REVEAL MDVRs, these instructions are not recommended for use with other DVRs.

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# The MDVR Player Software (Install)

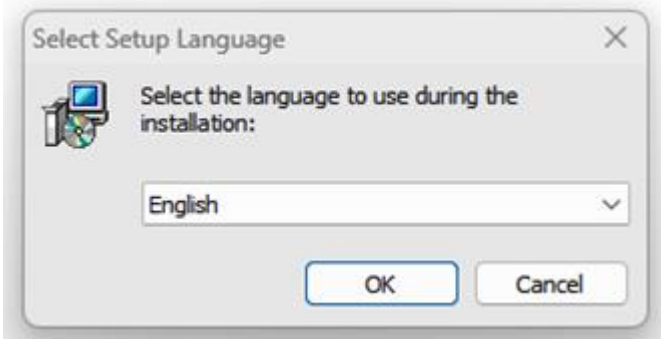
This program is a Windows application to allow for easy use of viewing and searching the recorded video on your Reveal MDVR. It provides the needed features in an easy-to-use format. Reveal MDVRs save files in the .avi format. .avi file extensions stand for Audio Video Interleave, and this format nicely combines the video and audio files to play on all Microsoft formats. This format allows synchronous audio-with-video playback.

A software download link can be found on our website at [Veritysafe.com](http://Veritysafe.com) on the DVR web pages.

The Installed Program ICON looks like this:



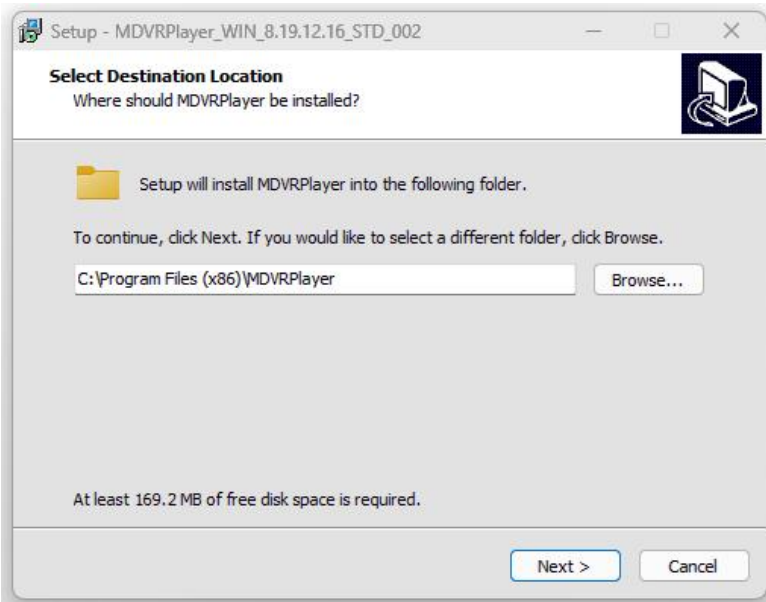
Download the program and open when downloaded



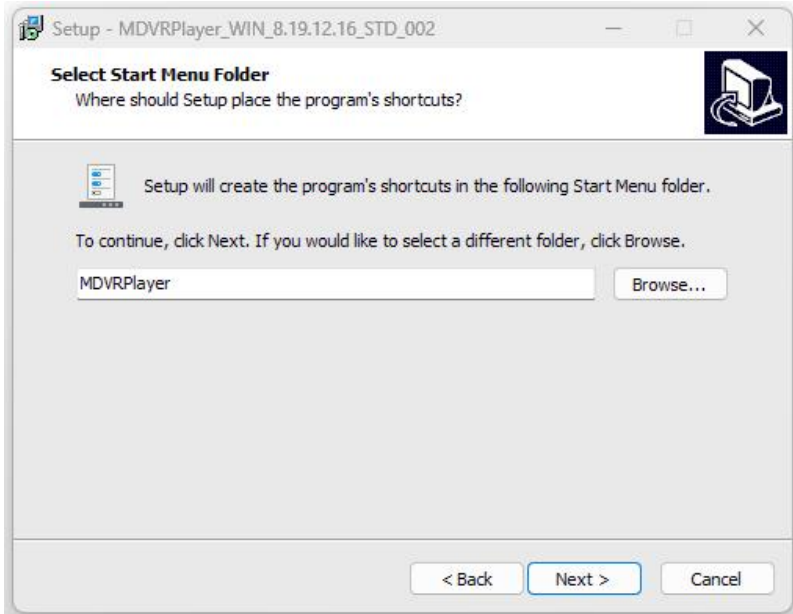
Select the desired language and *Click* OK

# Setup Wizard

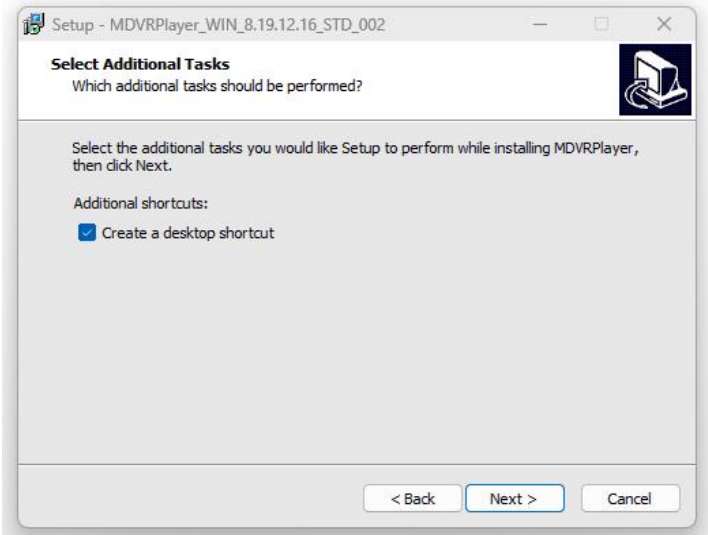
## Click Next



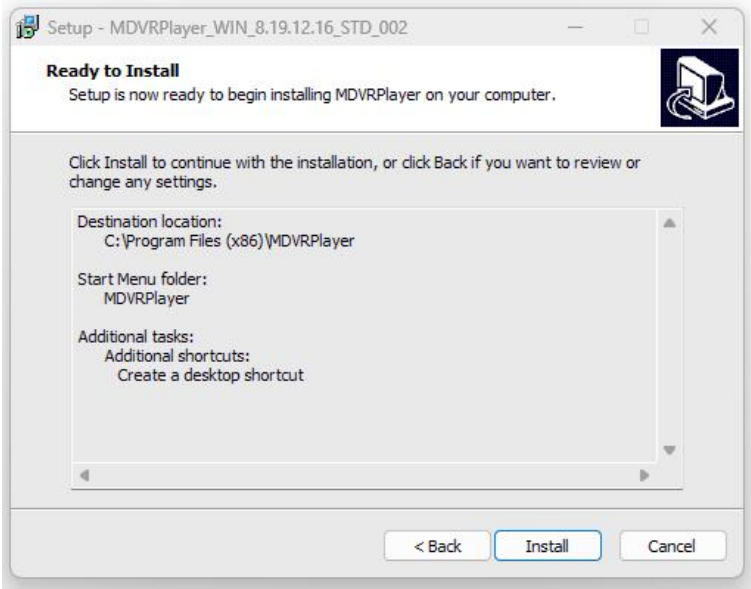
## Check the destination folder...Click Next

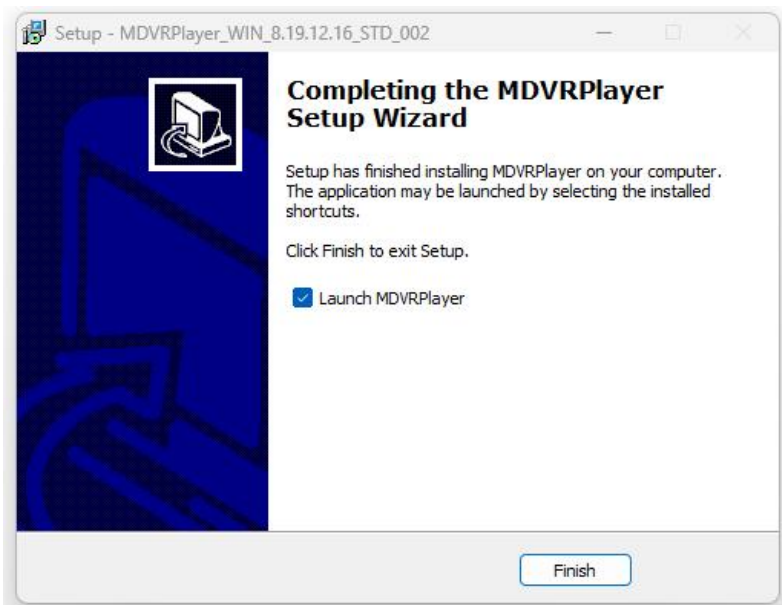


Uncheck Desktop Shortcut if you wish no desktop icon  
Click Next



Click Install to finish the install





## Launching the MDVRPlayer

Click on MDVRPlayer icon on your desktop; it should look like the examples below.



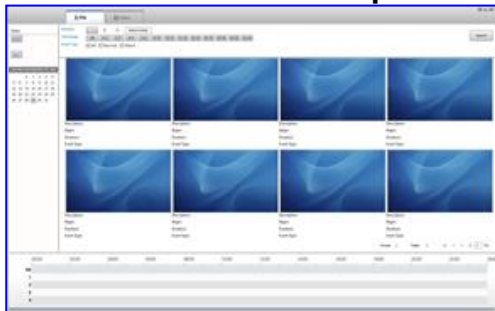
OR



In some countries/situations, you may be asked to log in.

A login dialog box with a light gray background. On the left is an icon of two silver keys. On the right is a globe with a black arrow pointing to the right. In the center, there is a "User" label followed by a dropdown menu showing "admin". Below it is a "Password" label followed by a text box containing six black dots. At the bottom are two buttons: "OK" and "Exit".

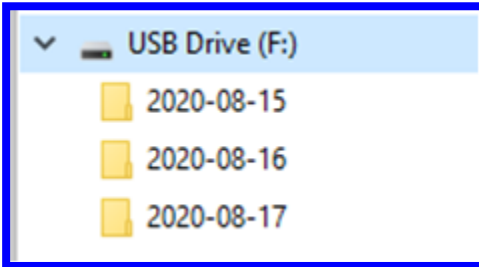
**Default username : admin    Default password : 000000**





## Finding Files on SD Card or Hard Drive

The MDVR file will be on your SD card or Hard Drive in dated recording folders as shown below.



In the day folders, you will see other folders broken down into time segments.



## Navigating the MDVRPlayer

On the top of the viewer screen, there is a menu bar.



The file page allows the opening and display of video files. There are two ways of accessing the video files from the Directory in the upper left of the screen.



# Video Search

On the file page, there are many options to search videos for your Verity Rear Vision MDVR

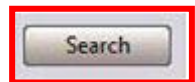
The left section of the file screen is the central search area.

The screenshot shows a search interface with the following sections:

- Directory:** Includes a play button icon labeled "File" and a folder icon labeled "Select Folder".
- Time Range:** Contains two rows. The first row has "Begin Time" with a date dropdown set to "8/17/2020" and a time dropdown set to "00:00:00". The second row has "End Time" with a date dropdown set to "8/17/2020" and a time dropdown set to "23:59:59".
- Channel:** Includes four checkboxes labeled "Channel1", "Channel2", "Channel3", and "Channel4", all of which are currently unchecked.
- Event Type:** Includes three checkboxes: "All", "High Speed Alarm", and "Video loss Alarm", all of which are currently unchecked.
- Search Button:** A button labeled "Search" is located at the bottom right of the search area.
- Results Table:** A table with 5 columns: "Date", "Begin Time", "End Time", "Duration", and "Description". It contains 12 rows of search results for the date 2020-08-17.

Date	Begin Time	End Time	Duration	Description
2020-08-17	00:00:00	00:15:01	15:01	Normal
2020-08-17	00:15:00	00:30:01	15:01	Normal
2020-08-17	00:30:00	00:45:01	15:01	Normal
2020-08-17	00:45:00	01:00:01	15:01	Normal
2020-08-17	01:00:00	01:15:01	15:01	Normal
2020-08-17	01:15:00	01:30:01	15:01	Normal
2020-08-17	01:30:00	01:45:01	15:01	Normal
2020-08-17	01:45:00	01:59:58	14:58	Normal
2020-08-17	02:00:34	02:15:34	15:00	Normal
2020-08-17	02:15:34	02:30:33	14:59	Normal
2020-08-17	02:30:34	02:35:47	05:13	Normal

When setting the desired search parameters, remember to hit the search button.



## Time Search

Time Search; Enter the desired Start / End date and time

Time Range	
Begin Time	8/20/2020 <input type="text"/> 00:00:00 <input type="text"/>
End Time	8/20/2020 <input type="text"/> 23:59:59 <input type="text"/>

## Channel Search

To search only a certain camera or a certain set of cameras, choose (Check) the camera requested.

Channel	
<input checked="" type="checkbox"/> Channel1	<input type="checkbox"/> Channel2
<input checked="" type="checkbox"/> Channel3	<input type="checkbox"/> Channel4

## Event Search

Events refer to triggers that the DRV is set to record such as Speed, G-sensor, temperature. Please see the MDVR operations manual to find that information. If "All" is selected, it will show all videos. Below searching, High Speed Alarm has been selected.

Event Type	
<input type="checkbox"/> All	
<input checked="" type="checkbox"/> High Speed Alarm	<input type="checkbox"/> Video loss Alarm

# File List Search

Clicking on the file will open the chosen file in the video view screen.

Date	Begin Time	End Time	Duration	Description
2020-08-17	00:00:00	00:15:01	15:01	Normal
2020-08-17	00:15:00	00:30:01	15:01	Normal
2020-08-17	00:30:00	00:45:01	15:01	Normal
2020-08-17	00:45:00	01:00:01	15:01	Normal
2020-08-17	01:00:00	01:15:01	15:01	Normal
2020-08-17	01:15:00	01:30:01	15:01	Normal
2020-08-17	01:30:00	01:45:01	15:01	Normal
2020-08-17	01:45:00	01:59:58	14:58	Normal
2020-08-17	02:00:34	02:15:34	15:00	Normal
2020-08-17	02:15:34	02:30:33	14:59	Normal
2020-08-17	02:30:34	02:35:47	05:13	Normal

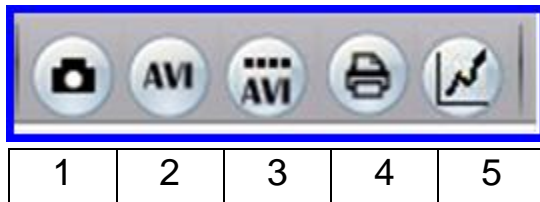


# Video Control Buttons

Note: hovering over the buttons displays their function.



- 1. Play / Pause
- 2. One Frame Backward
- 3. One Frame Forward
- 4. Stop
- 5. Slow Play
- 6. Fast Play
- 7. Previous
- 8. Next



- 1. SnapShot (Takes an image of the viewer screen)
- 2. AVI Converter (see pg. 14)
- 2. AVI Converter multiple files
- 4. Report (PLEASE see appendix 1)
- 5. Video Display Setting

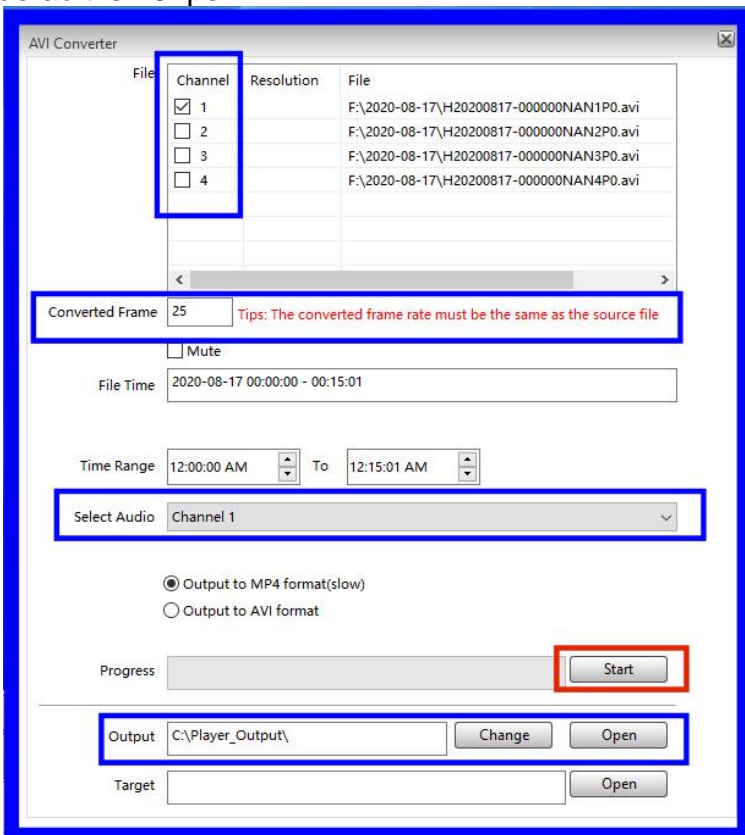


The Screen Images section displays how many cameras are shown at once. The last button in this group will expand the view.

## AVI Converter (Converts to MP4)

Address the blue boxes

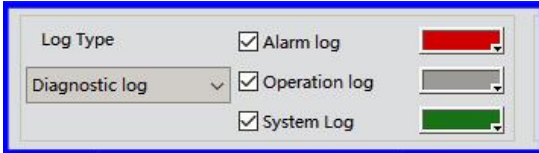
The Frame Rates MUST match. The factory default is 25 fps.



# Log

Allows the searching of alarms that were triggered, such as high speed. Select the desired search criteria. Alarms are triggered events, operations log, and systems log.

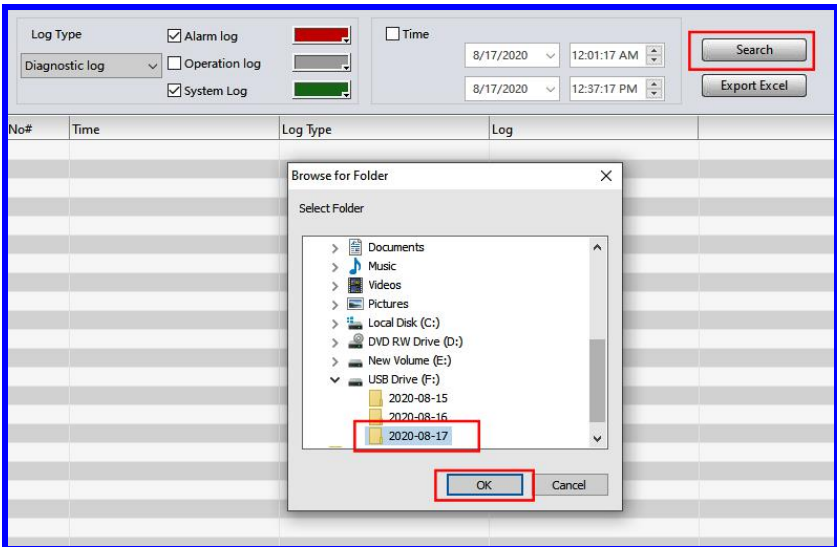
There are two types of logs; the Diagnostic Log applies.



**Time:** if the time box is checked, it will narrow the search results. You need to enter the desired dates and times.



Click on the search button, and it will open a browser for the folder dialog box. Choose the folder with the needed video, Click OK.

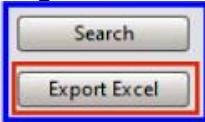


This log will open a list of events. By clicking on an event, it will open that event in the video browsers. On the below results, there were many high-speed alarms.

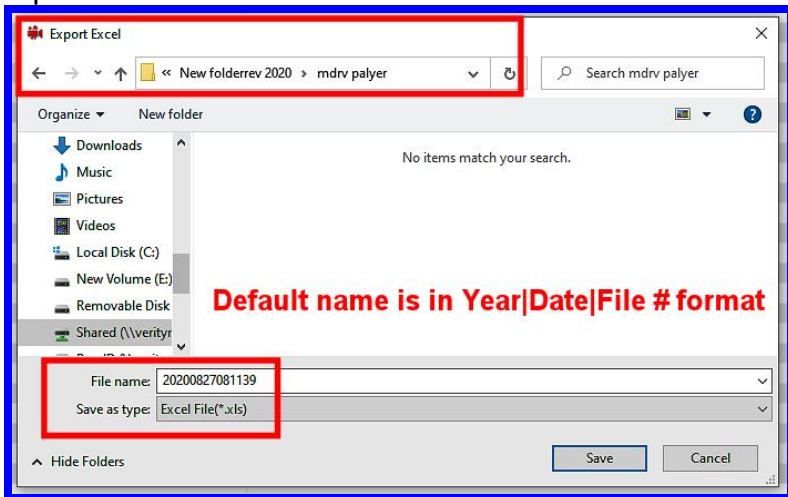
Important note: We disconnect the camera input to represent a short in a camera cable. That appears as Video Alarm Loss.

No#	Time	Log Type	Log
1	2020-08-17 02:00:47	Alarm log	Video loss Alarm
2	2020-08-17 02:00:47	Alarm log	Video loss Alarm
3	2020-08-17 02:00:47	Alarm log	Video loss Alarm
4	2020-08-17 01:45:25	Alarm log	High Speed alarm
5	2020-08-17 01:45:05	Alarm log	High Speed alarm
6	2020-08-17 01:44:40	Alarm log	High Speed alarm
7	2020-08-17 01:44:29	Alarm log	High Speed alarm

Log results may also be download as an excel sheet.



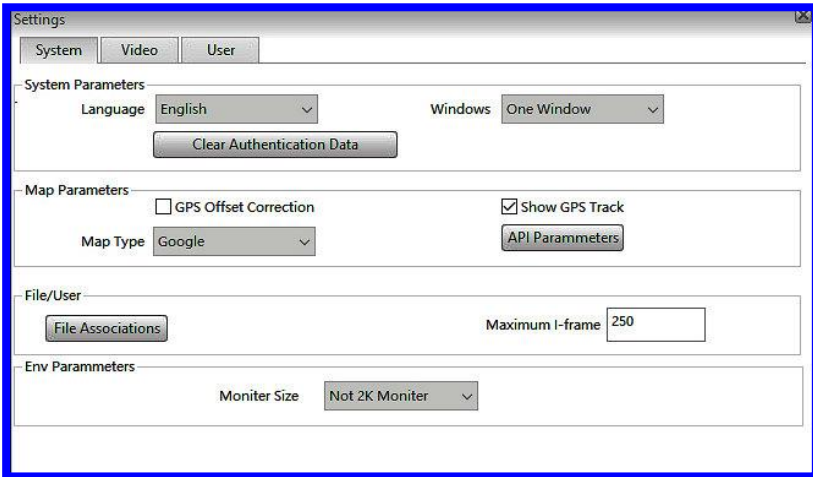
The default Filename is in Date (2022) Day (0827) File # (1139). It is suggested to make a folder to place Excel reports.





# General Settings

The opening page of settings has standard information



Settings

System Video User

System Parameters

Language English Windows One Window

Clear Authentication Data

Map Parameters

GPS Offset Correction  Show GPS Track

Map Type Google API Parameters

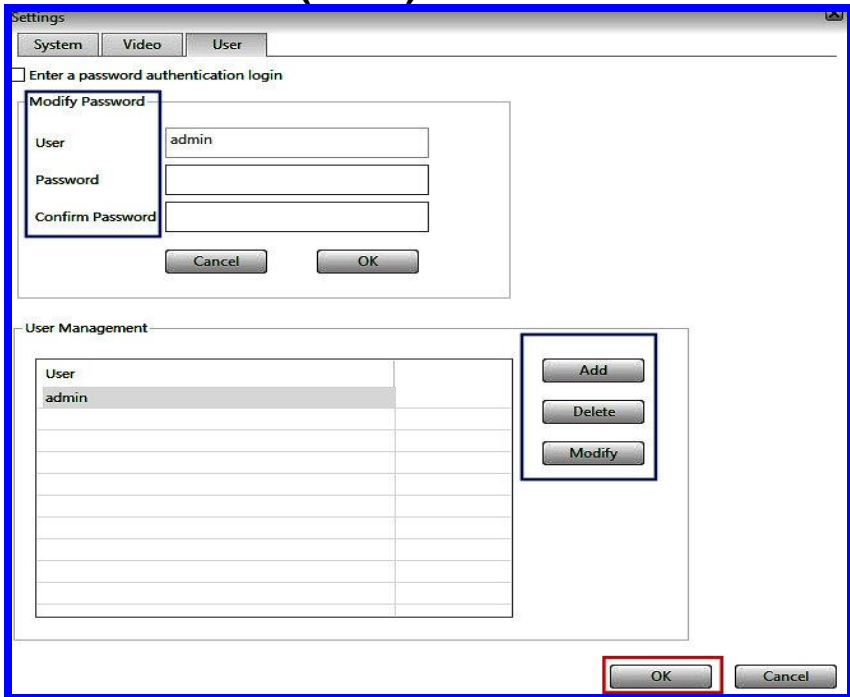
File/User

File Associations Maximum I-frame 250

Env Parameters

Monitor Size Not 2K Monitor

## Set Password (User)



Settings

System Video User

Enter a password authentication login

Modify Password

User admin

Password

Confirm Password

Cancel OK

User Management

User	
admin	

Add Delete Modify

OK Cancel

# Appendix 1: Report - Take out the hassles

The report feature is a key component to the Reveal MDVR player. It allows for seeing the detail of a truck at any given time and pairs that data with an image.

Date: 2020-08-27  
 Time: 07:17:12  
 Vehicle number:  
 Driver:  
 Longitude: -86.2039388  
 Latitude: 41.6245117  
 Speed: 68.40 mp/h  
 Spin Speed: 0Rev/min  
 Acc: A signal  
 Brake: No signal



<b>Date:</b> 2020-08-27	<b>Time:</b> 07:17:12	<b>number:</b>	<b>Driver:</b>
<b>Longitude:</b> -86.2039388	<b>Latitude:</b> 41.6245117	<b>Speed:</b> 68.40 mp/h	<b>in Speed:</b> 0Rev/min
<b>Acc:</b>	<b>Brake:</b>	<b>Ant Door:</b>	<b>Back Door:</b>
<b>Left Light:</b>	<b>Right Light:</b>	<b>Left beam:</b>	<b>Right beam:</b>

Date: 2020-08-27  
 Time: 07:17:12  
 Vehicle number:  
 Driver:  
 Longitude: -86.2039388  
 Latitude: 41.6245117  
 Speed: 68.40 mp/h  
 Spin Speed: 0Rev/min  
 Acc: A signal  
 Brake: No signal

## Appendix 2: MDVRPlayer

Verity Rear Vision's main effort is to make our products as plug and play as possible. In our efforts, we are using the latest industry-standard video viewer that is FREE for everyone. This format allows for Reveal® to be installed on trucks that are shipped around the world.

**NOTE: Because MDRVPlayer is a 3<sup>rd</sup> party APP, Verity Rear Vision Systems and the OEMs that install REVEAL® DVRS claim no rights or responsibility for its use and does warranty the MDVRPlayer program's performance.**

Manuals, specification sheets, and wiring diagrams are on our website for all Reveal products. [www.veritysafe.com](http://www.veritysafe.com)

# REVEAL<sup>®</sup>

Website.

[www.revealdvr.com](http://www.revealdvr.com)

[www.veritysafe.com](http://www.veritysafe.com)

Visit our website for a complete line of Commercial-grade, Monitor/Camera systems, cables, camera covers, and specialty mounts. You have a need & we have an answer.

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The ADD02CP optional IR Extender allows for easy use of your DVR. You can always know your DVR is ready to record and Reveal<sup>®</sup> the area around your truck.

