

REVEAL[®]

JUST VIEW IT[®]

MDVRPlayer Guidebook For All Reveal MDVRs



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REVEAL[®]



Although the MDVRPlayer is a 3rd 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)

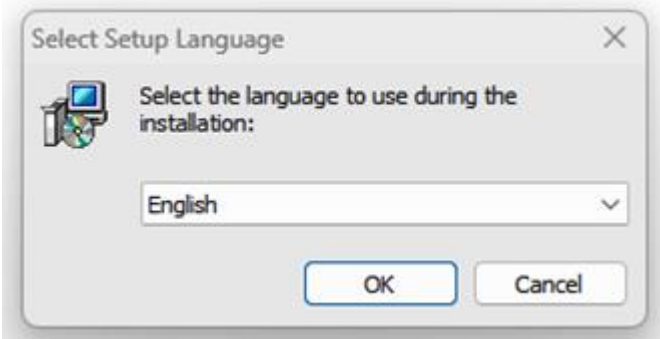
This program is a Windows application to allow for easy use of viewing and searching the recorded video on your Reveal MDVR. It provides the needed features in an easy-to-use format. Reveal MDVRs save files in the .avi format. .avi file extensions stand for Audio Video Interleave, and this format nicely 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 on the DVR web pages.

The Installed Program ICON looks like this:

[Download MDRV player](#)

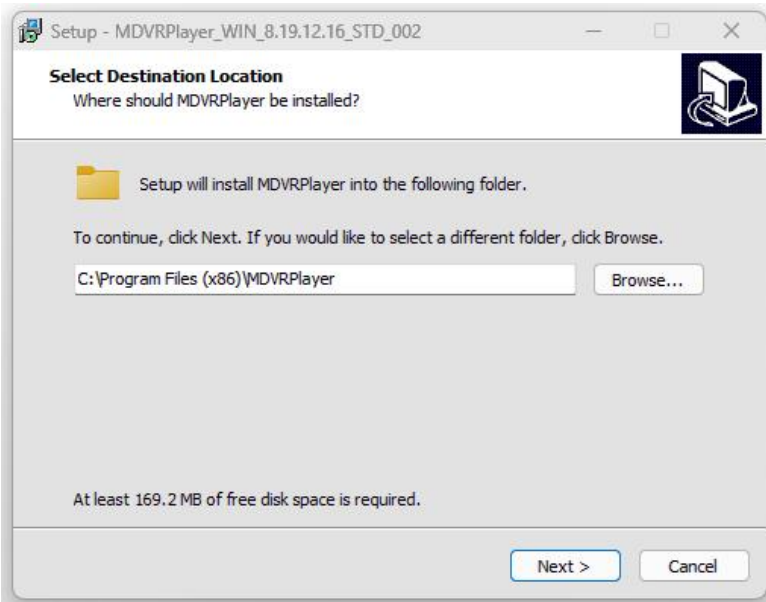
Download the program and open when downloaded



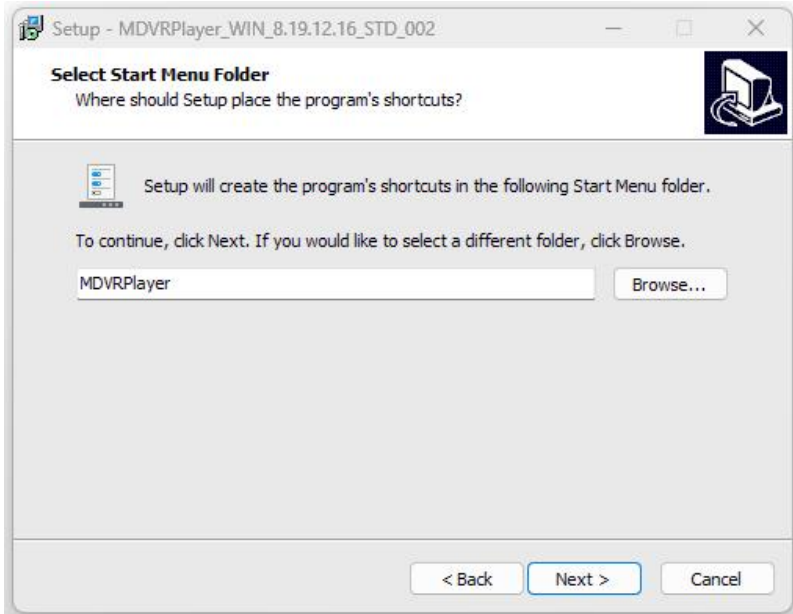
Select the desired language and *Click* OK

Setup Wizard

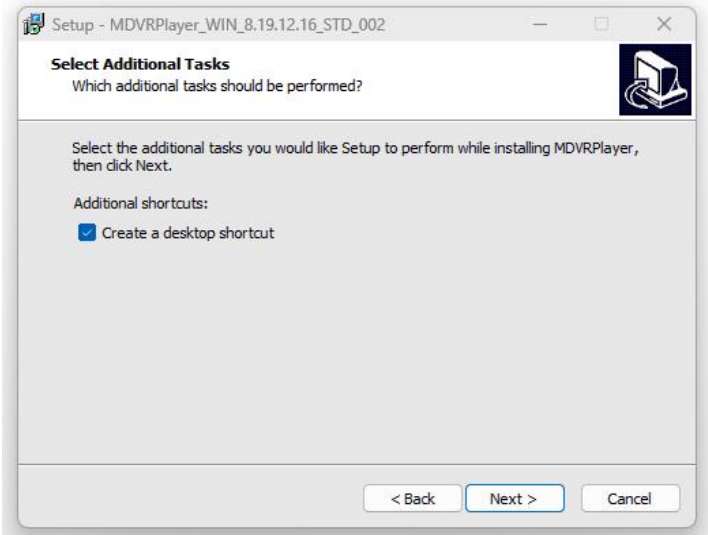
Click Next



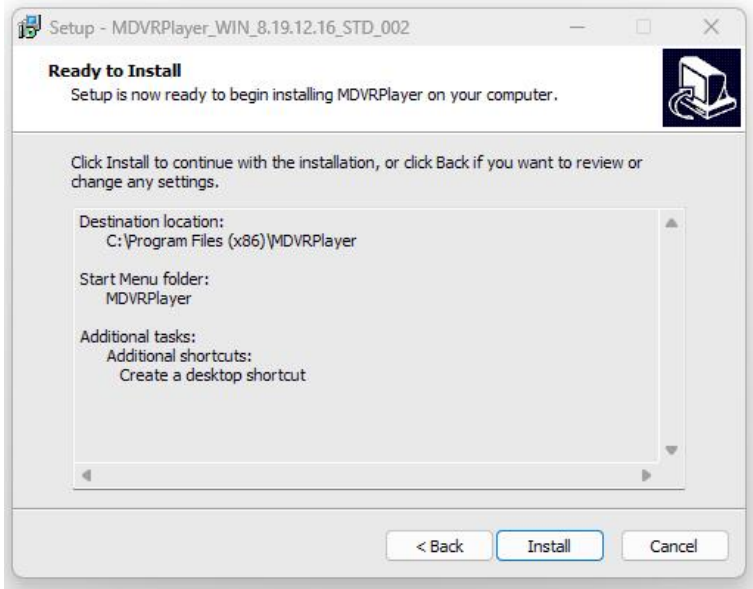
Check the destination folder...Click Next

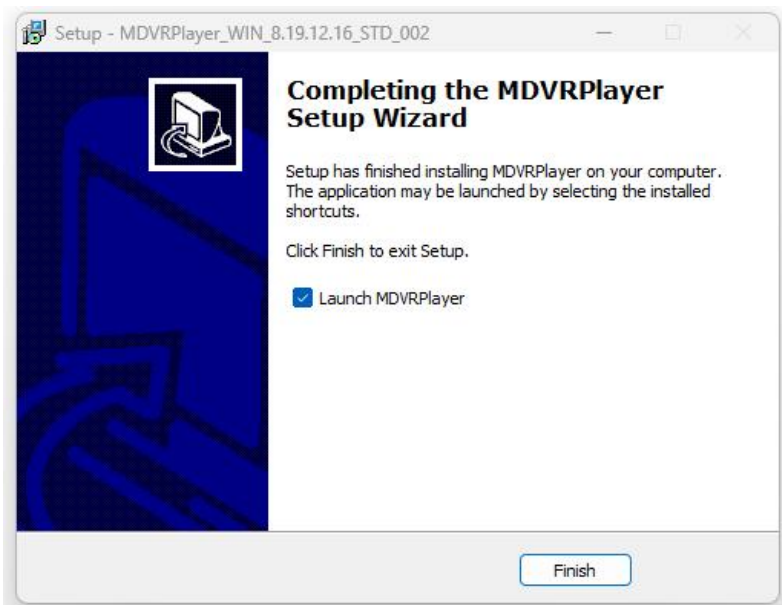


Uncheck Desktop Shortcut if you wish no desktop icon
Click Next



Click Install to finish the install





Launching the MDVRPlayer

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



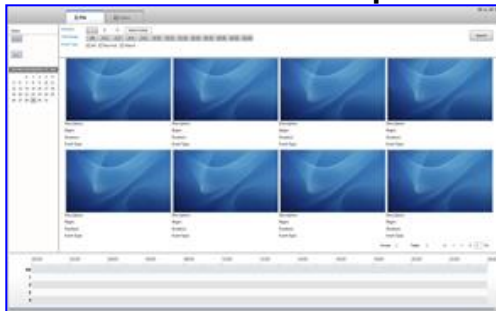
OR



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

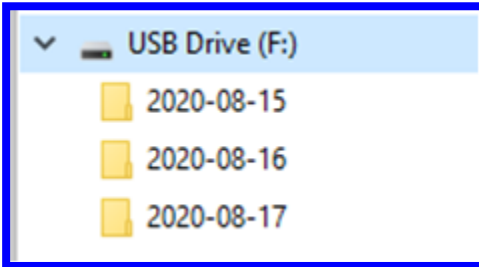


Default username : admin Default password : 000000



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.

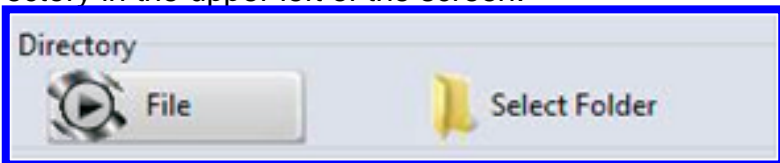


Navigating the MDVRPlayer

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

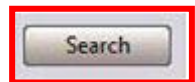
The left section of the file screen is the central search area.

The screenshot shows a search interface with the following sections:

- Directory:** Includes a play button icon, a 'File' label, and a 'Select Folder' button with a folder icon.
- Time Range:** Contains 'Begin Time' and 'End Time' fields. Both are set to '8/17/2020' with a dropdown arrow, and '00:00:00' and '23:59:59' with up/down arrows.
- Channel:** Features four checkboxes labeled 'Channel1', 'Channel2', 'Channel3', and 'Channel4', all of which are currently unchecked.
- Event Type:** Features three checkboxes: 'All', 'High Speed Alarm', and 'Video loss Alarm', all of which are currently unchecked.
- Search:** A rectangular button with the text 'Search' is located at the bottom right of the filter section.
- Results Table:** A table with five columns: 'Date', 'Begin Time', 'End Time', 'Duration', and 'Description'. It contains 12 rows of data for the date 2020-08-17, with durations ranging from 05:13 to 15:01 and descriptions all marked as 'Normal'.

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	00:00:00
End Time	8/20/2020	23:59:59

Search

Channel Search

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

Channel

Channel1 Channel2 Channel3 Channel4

Search

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

All High Speed Alarm Video loss Alarm

Search

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

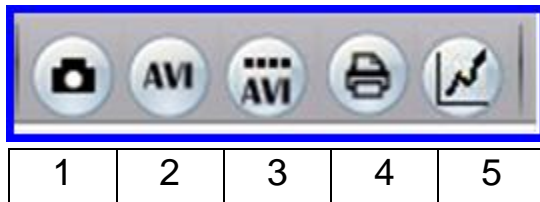


Video Control Buttons

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

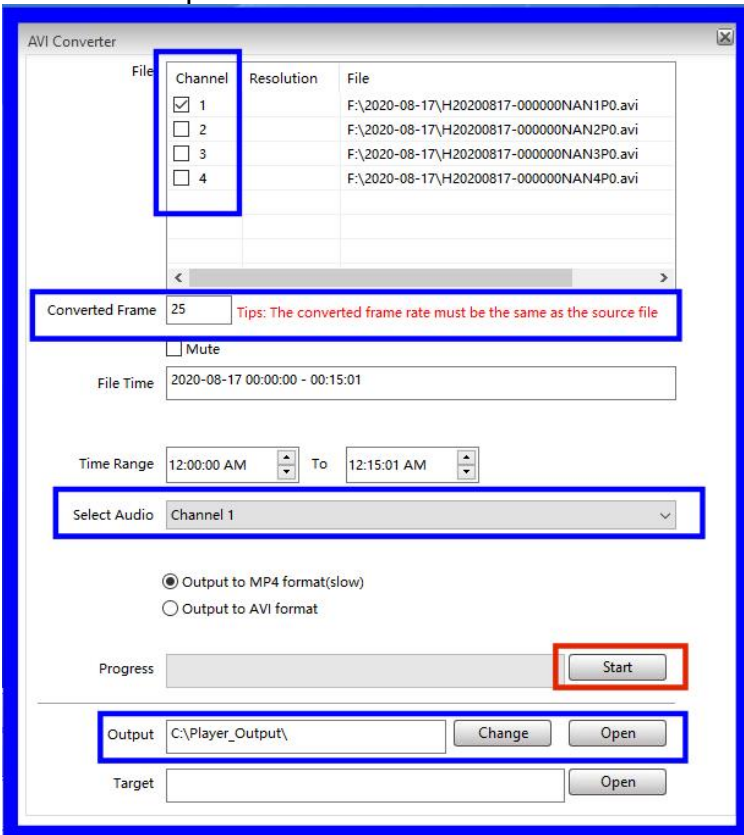


The Screen Images section displays how many cameras are shown at once. The last button in this group will expand the view.

AVI Converter (Converts to MP4)

Address the blue boxes

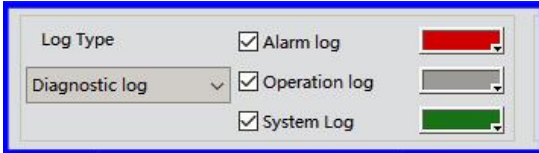
The Frame Rates MUST match. The factory default is 25 fps.



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.

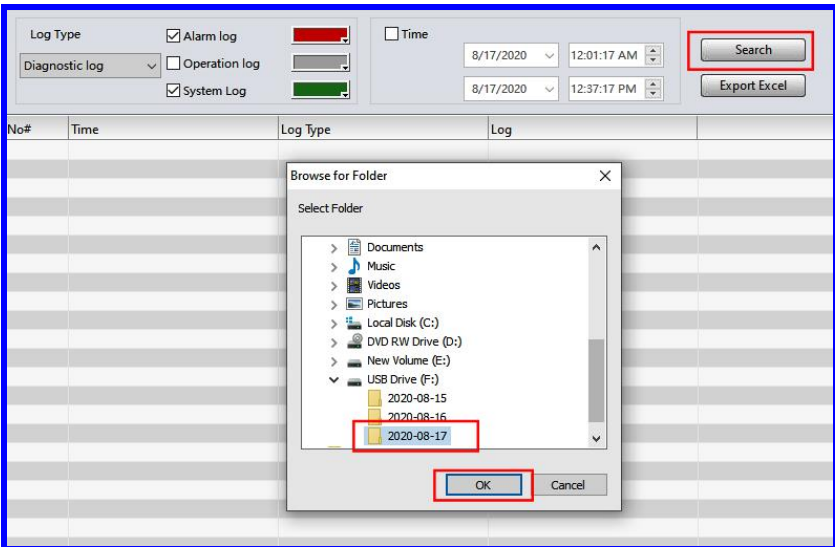
There are two types of logs; the Diagnostic Log applies.



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

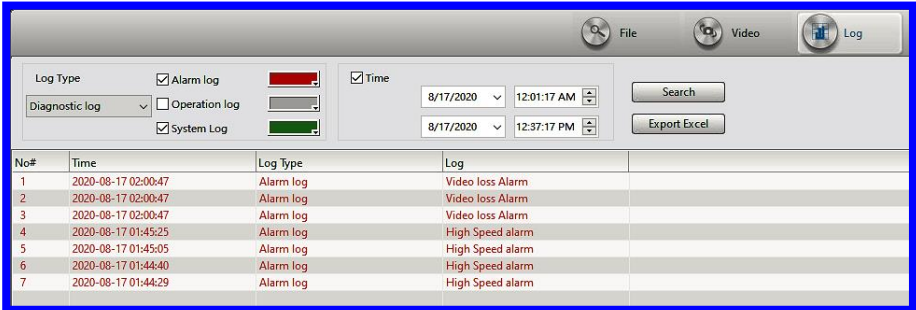


Click on the search button, and it will open a browser for the folder dialog box. Choose the folder with the needed video, Click OK.



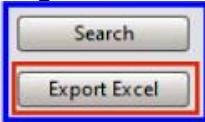
This log will open a list of events. By clicking on an event, it will open that event in the video browsers. On the below results, there were many high-speed alarms.

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

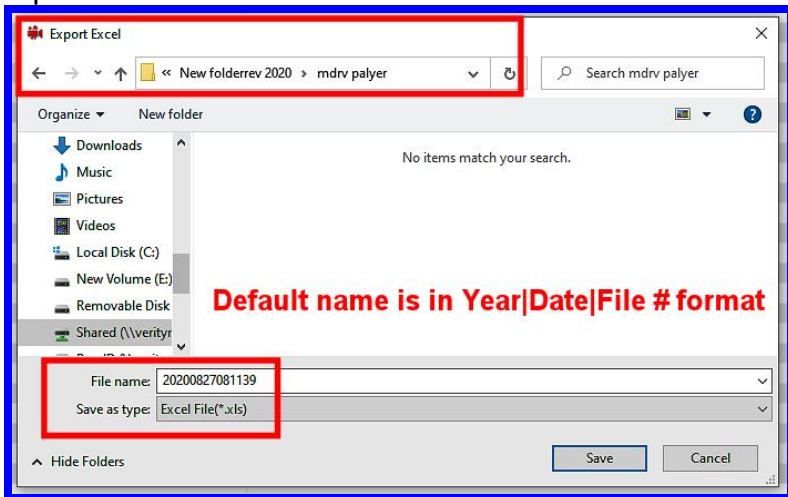


No#	Time	Log Type	Log
1	2020-08-17 02:00:47	Alarm log	Video loss Alarm
2	2020-08-17 02:00:47	Alarm log	Video loss Alarm
3	2020-08-17 02:00:47	Alarm log	Video loss Alarm
4	2020-08-17 01:45:25	Alarm log	High Speed alarm
5	2020-08-17 01:45:05	Alarm log	High Speed alarm
6	2020-08-17 01:44:40	Alarm log	High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

Log results may also be download as an excel sheet.

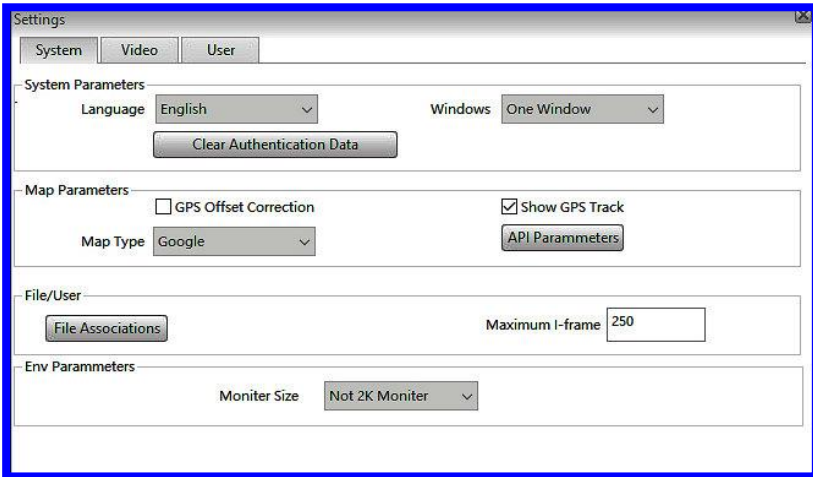


The default Filename is in Date (2022) Day (0827) File # (1139). It is suggested to make a folder to place Excel reports.



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

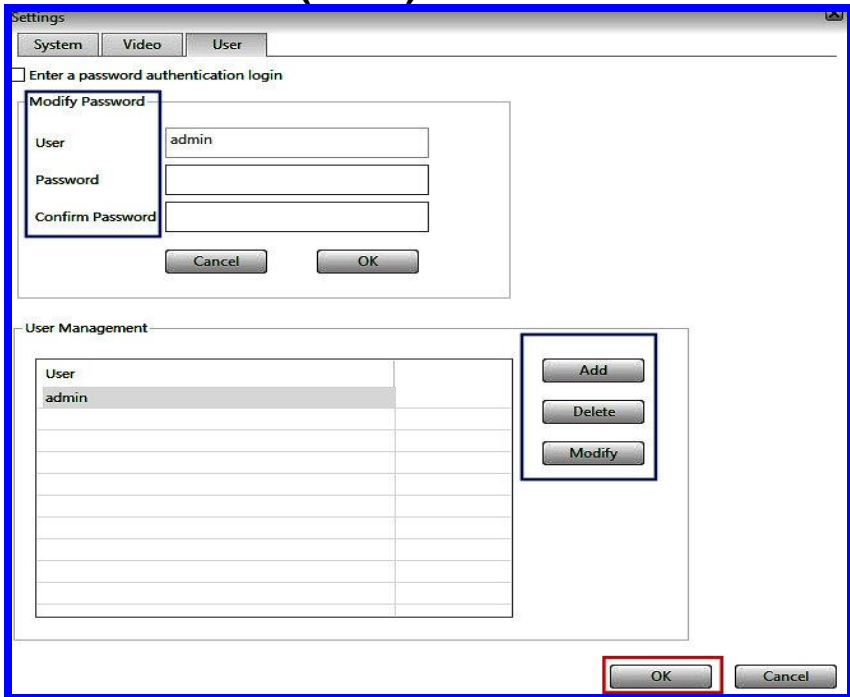
File/User

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



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

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 3rd 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

REVEAL®

Verity Rear Vision Systems

Website.

www.revealdvr.com

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.

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

