



Visual Data Solution

Operation Guide for Barcode VDS

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LB202601231618	Visual Data Solution Operation Guide for Barcode VDS

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1 Setup Macula Monitor

1.1 Install Macula Monitor

- 1) Download Macula Monitor Installer file from:

<https://gsfcorp.com/support/all-versions.html>

- 2) Double-click the installer file to begin installation. Follow the on-screen instructions to complete the installation.
- 3) Once the installation is completed, launch the Macula Monitor application. The shortcut icon shall be available on the desktop. The icon looks like this:



Ensure your laptop or PC is network connected to the same network as the GSF Macula Recording Server and GSF VDS system.

For remote access, you may want to seek assistance from your network administrator.

1.2 Macula Monitor Configuration

- 1) On Macula Monitor user interface, press '**Connection**' button on toolbar:

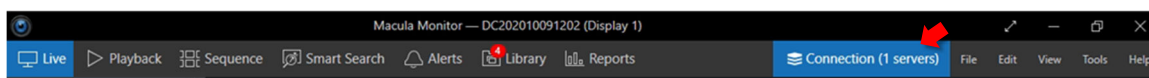


Figure 1

- 2) Press '+ Add server' button.

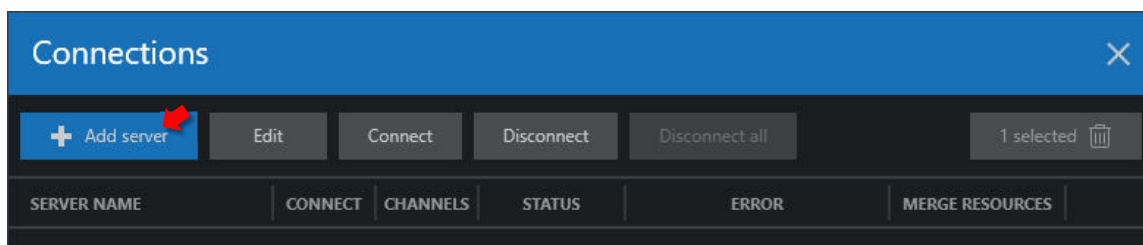


Figure 2

- 3) Insert the following information into the Connections Setup:

Figure 3

	Field	Value to insert
1	Server title:	Any Name you prefer
2	IP address:	(Refer to your administrator)
3	Port:	60554
4	User name:	(your Macula username)
5	User password:	(your Macula password)

Table 1

- 4) Press '**Save**' button.

1.3 Connect to Server

- 1) In Connections window, select 'SERVER TITLE'. Then, press 'Connect'.

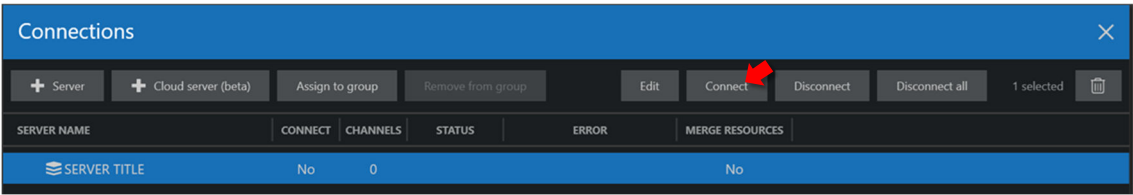


Figure 4

- 2) The status will become 'Connected'. This indicate the login is successful.

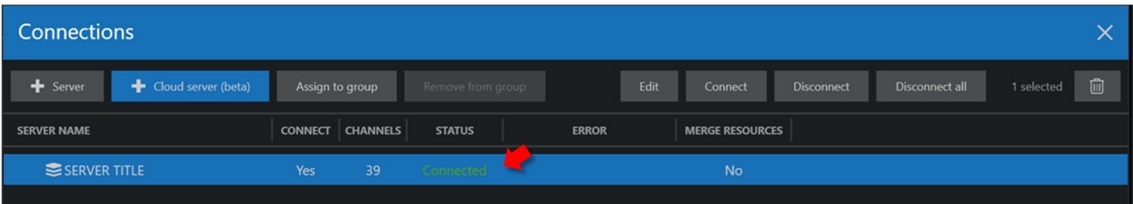


Figure 5

2 VDS Search

On the Macula Monitor user interface, press the 'VDS'  button on the toolbar. This will load the **VDS Search mode**.

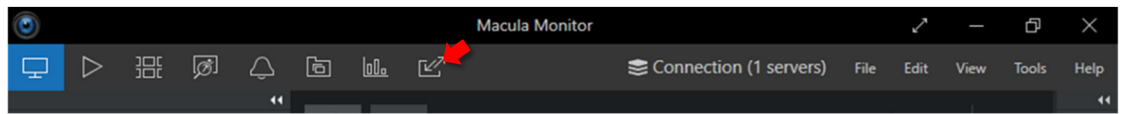


Figure 6: Press the VDS button on toolbar to load VDS search mode.

2.1 Select Channels for VDS Search

- 1) **Select all Channels:** On the **Channels** List, Press the  button of the VDS group icon. This will select all the VDS channels for searching.
- 2) **Select specific Channel(s):** If you prefer to search just one or some channels, press the  button next to the corresponding channels.

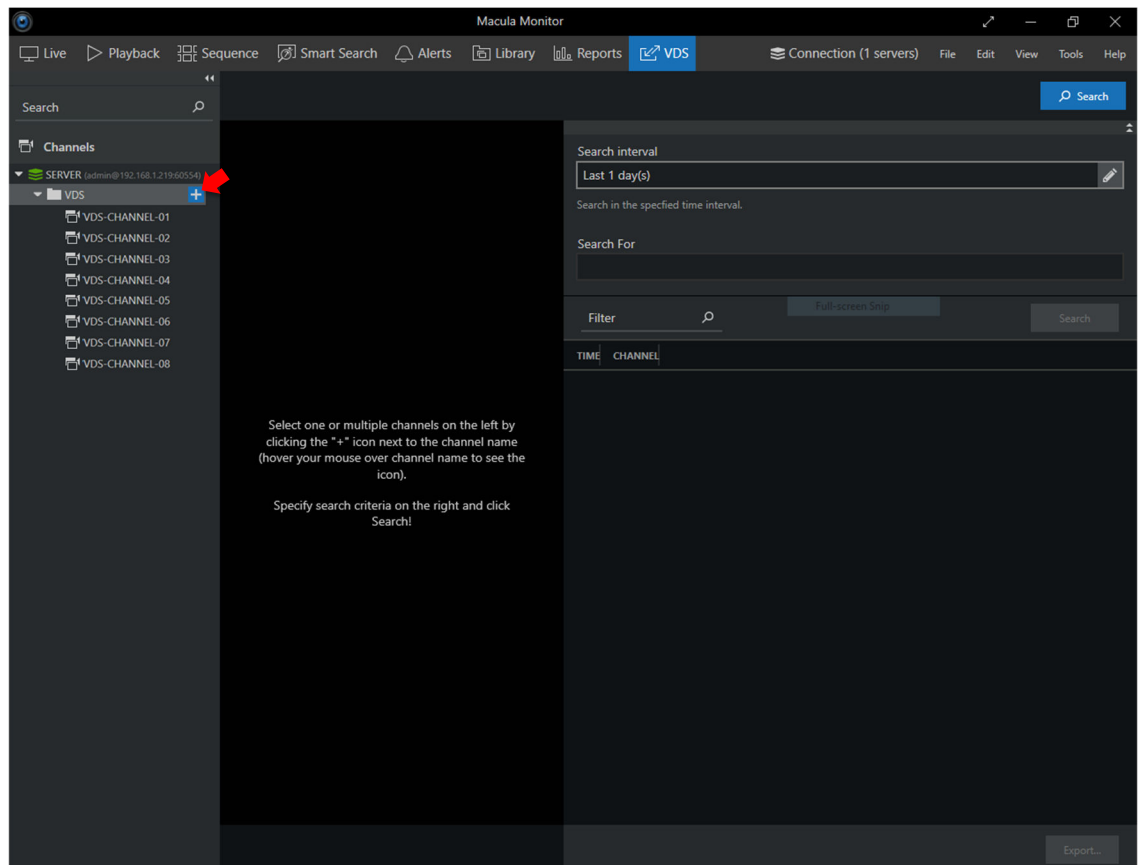


Figure 7: Press the  button of VDS group to select all channels for VDS Search

2.2 Search Interval

- 1) Press the  button in **Search Interval**.

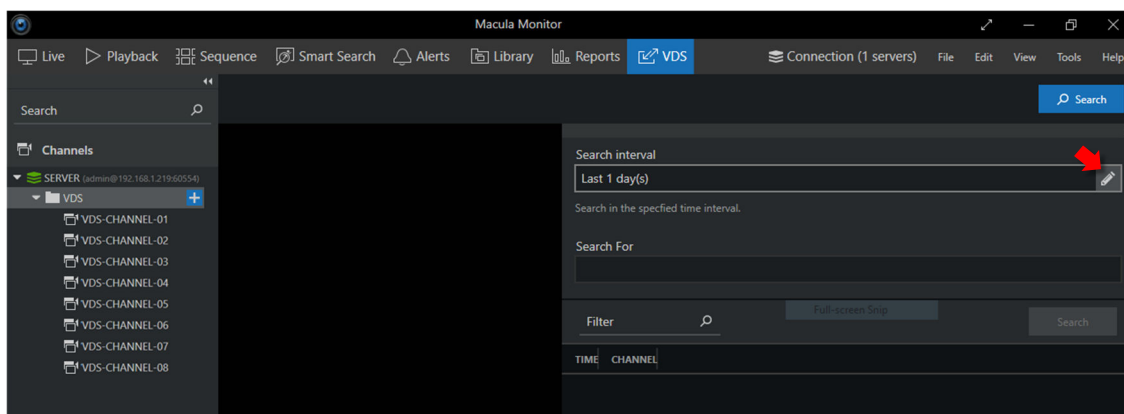


Figure 8: Press the  button

- 2) Search by **Date and time interval** (insert the START and END time). Or, Search by **Relative time range** (Last 1 days, Last 2 days, Last 7 days, etc). Then, press **'Set'**.

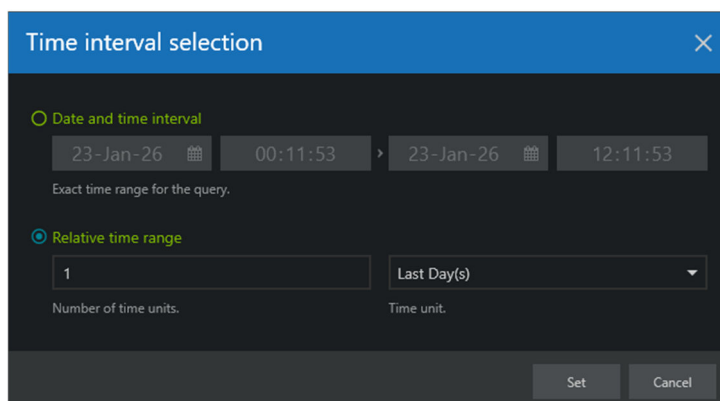


Figure 9

- 3) In **Search For** field, input the barcode (or keywords) you want to search for.

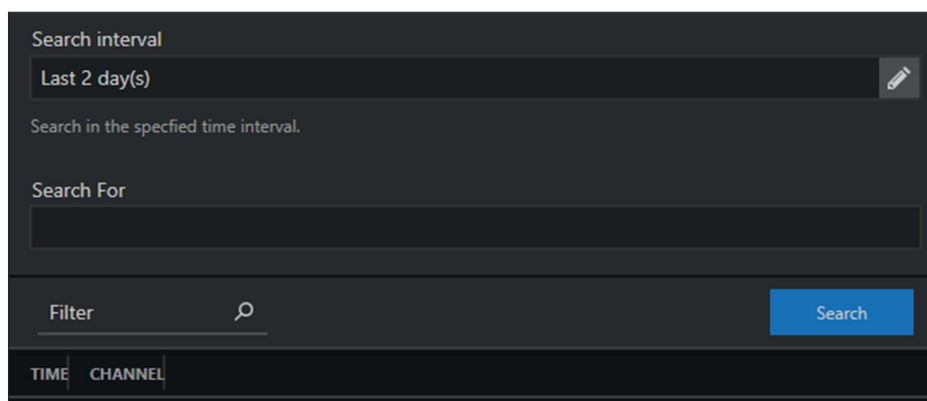


Figure 10

- 4) Press **'Search'** button.
- 5) The search results will be displayed in the table below the Search Form.

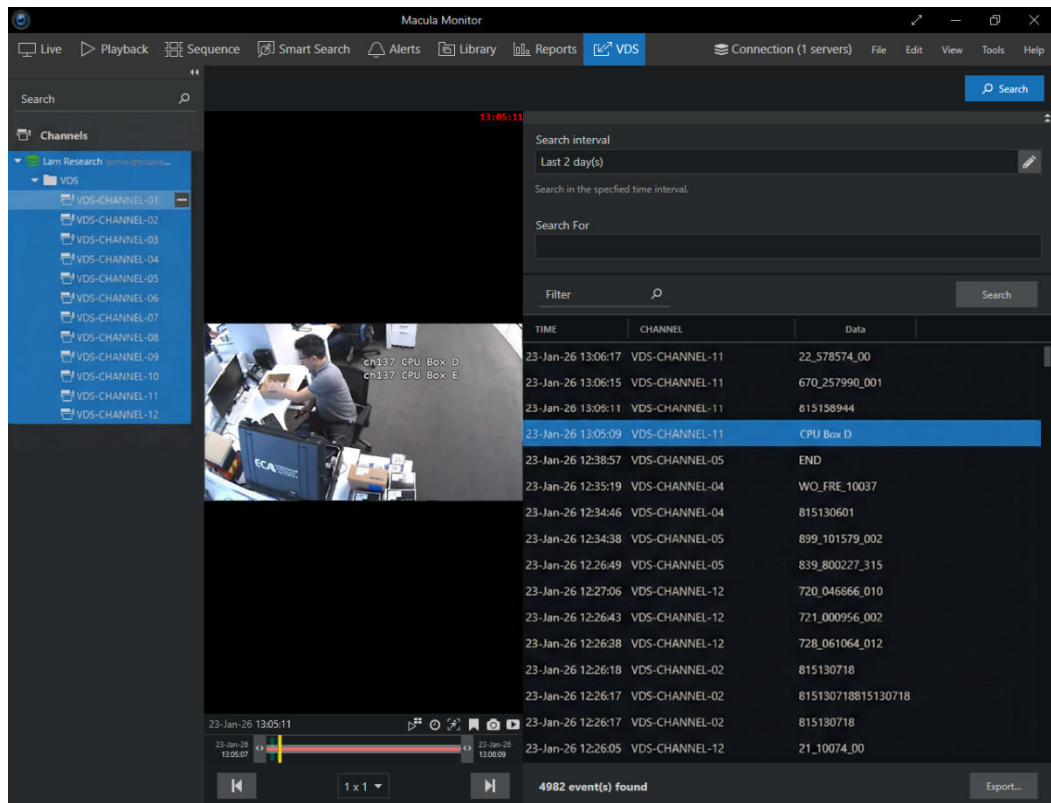


Figure 11

- 6) Click to select any of the result. The video paired to the VDS data will be displayed, at the exact time stamp.
- 7) To playback the selected video in larger viewing size, press the 'Go to Playback' button located below the video. The video will load directly inside the playback tab, where you'll have access to use the full playback controls here.

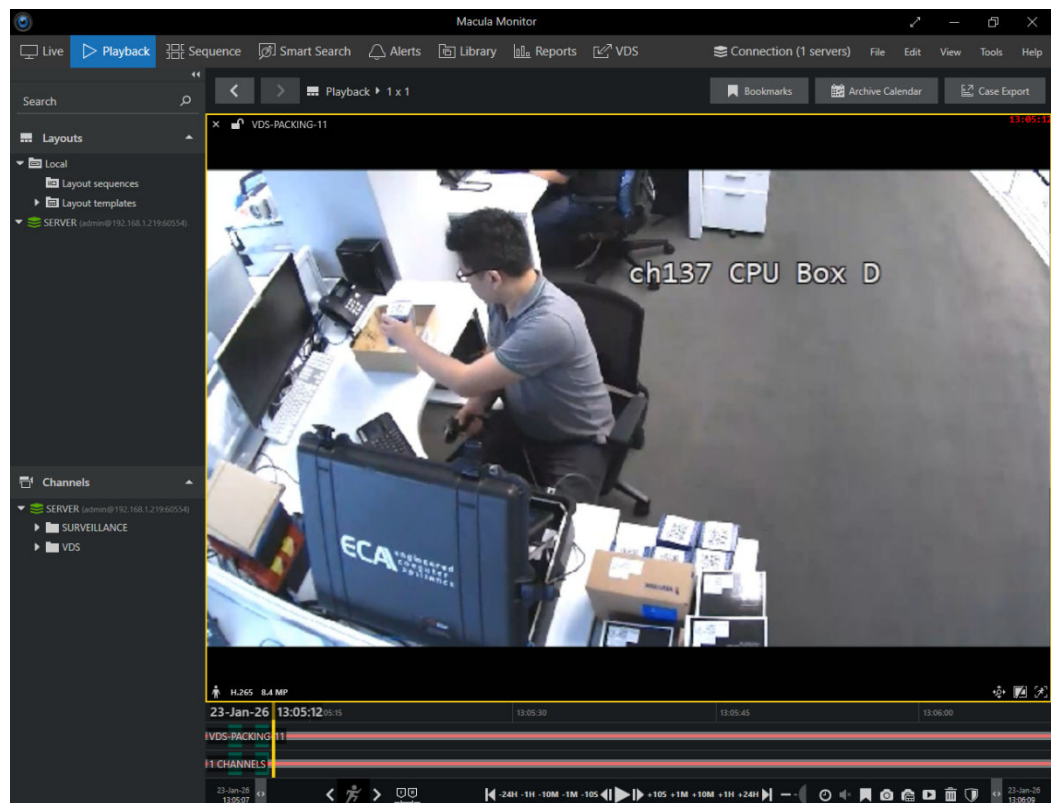


Figure 12

3 VDS Export

3.1 Video Export Location

In Macula, Library is the location for storing exported video and images.

- 1) In Macula Monitor, press '**Edit**' on Toolbar, then, select 'Settings'.

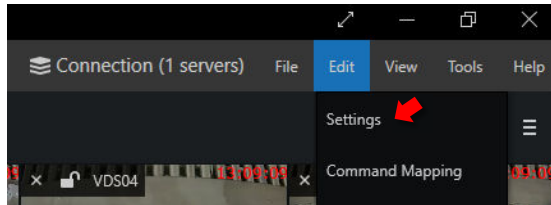


Figure 13

- 2) Go to '**Library**'. Click the '**Browse**' button. Then, select the path you would like to store Macula exported video and images. Take note, this is a location on your own PC or laptop. Press '**OK**' to confirm location. Then, press '**Save**' button.

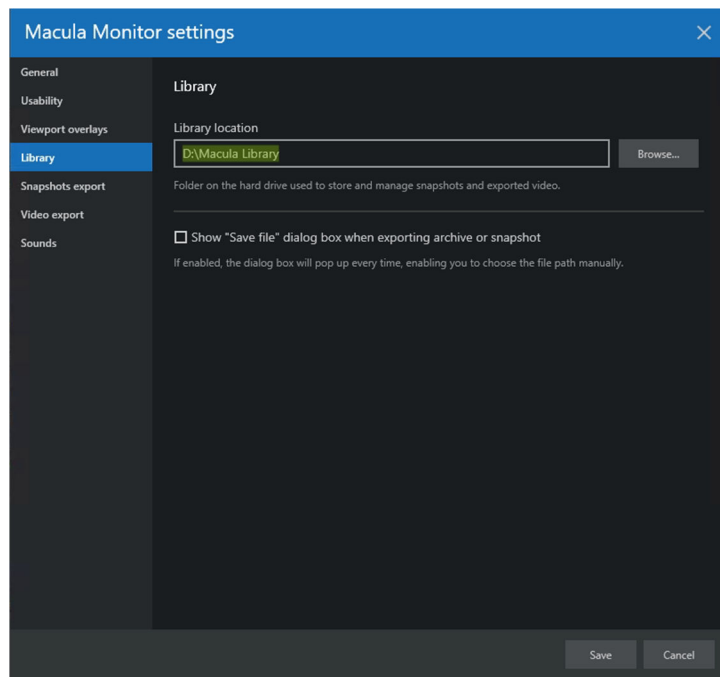


Figure 14

3.2 Video Export Settings

- 1) In Macula Monitor, press **'Edit'** on Toolbar, then, select **'Settings'**.

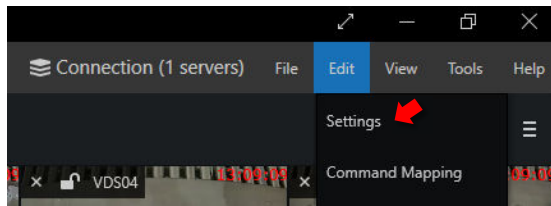


Figure 15

- 2) While in Macula Monitor Settings, go to **'Video Export'**.

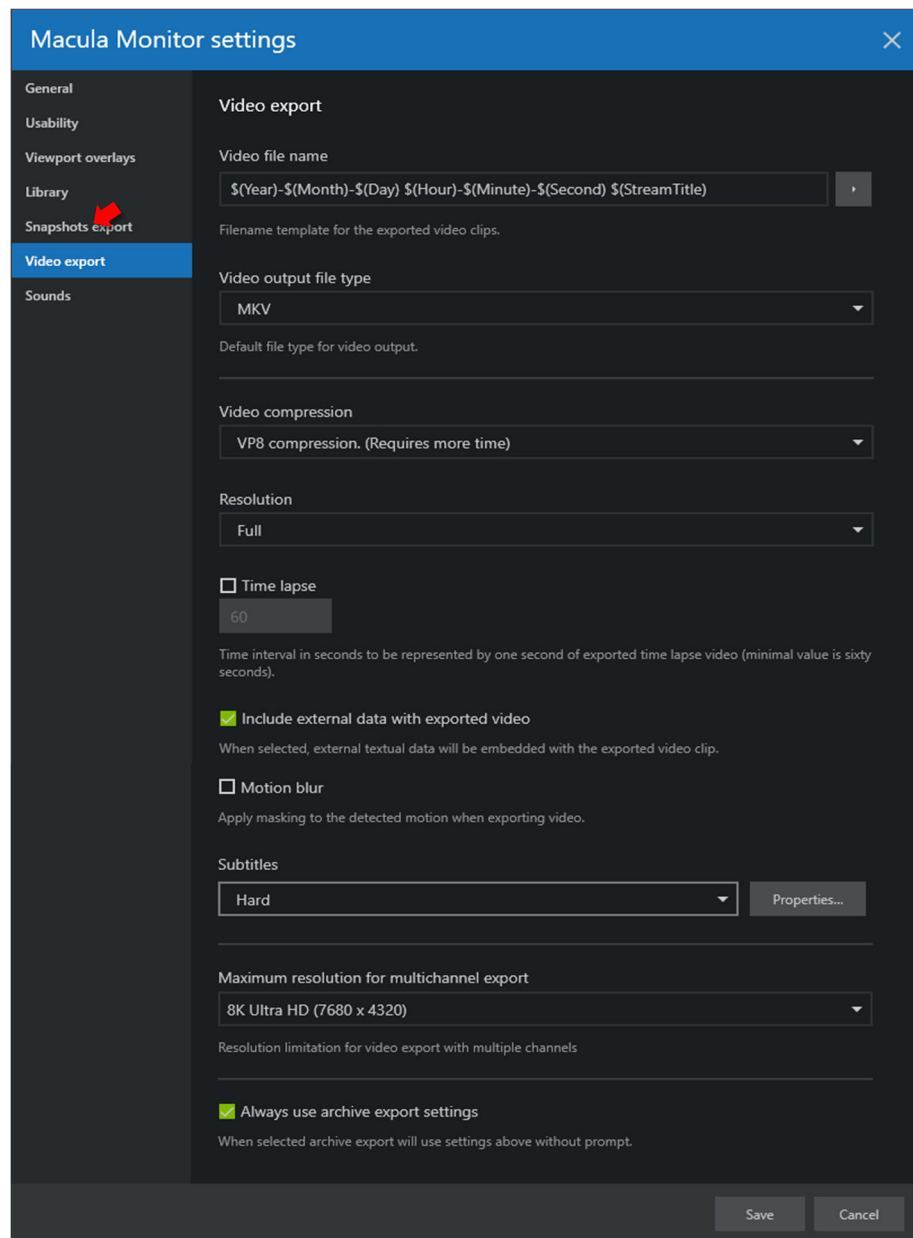


Figure 16

Apply the following settings for the options:

Options	Settings to apply
Video Output file type	select 'MKV'
Video compression	select 'VP8 compression'
Resolution	Select 'Full'
Include external data with exported video	☒ Enable
Subtitles	select 'Hard'
Maximum resolution for multichannel export	select '8K Ultra HD (7680 x 4320)'
Always use archive export settings	☒ Enable

Table 2

3) Press '**Save**' button.

3.3 Export Video with VDS Data



Prior to exporting videos in Macula Monitor, ensure the configurations outlined in **Section 3.1 Video Export Location** and **Section 3.2 Video Export Settings** are already completed.

- 1) In VDS tab, select any of the search results.
- 2) Press the 'Export Video Clip'  button below the viewport .

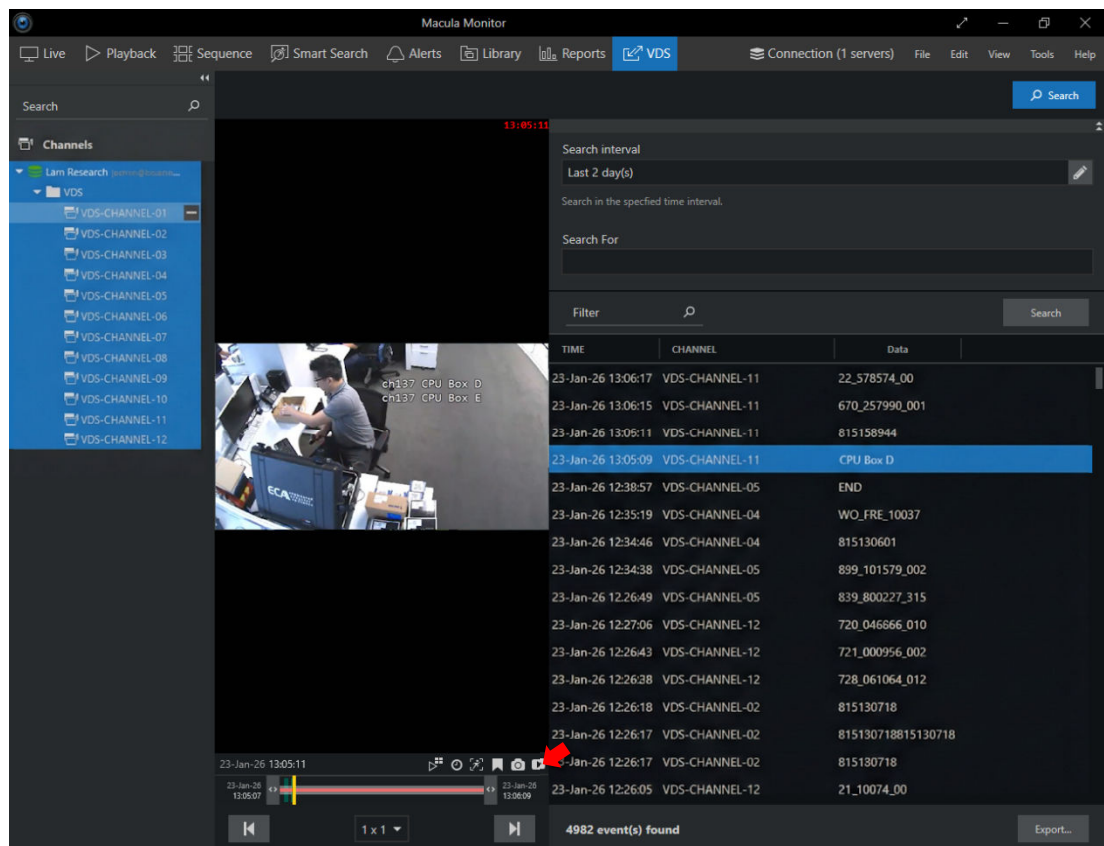


Figure 17

- 3) The button will show . Meaning the export has started.
- 4) To check the export status, press the Library tab. Export in progress will have the percentage shown in the 'Status' column.

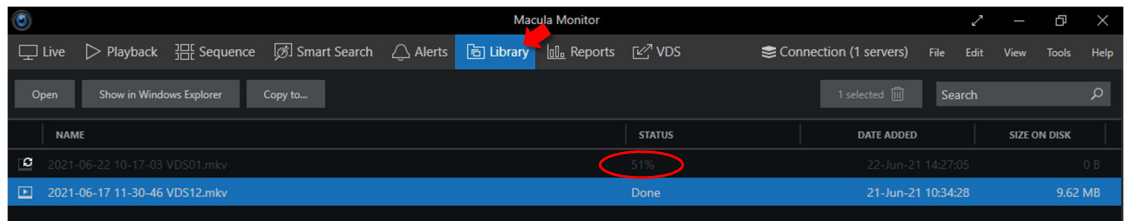


Figure 18

To show the video in Windows Explorer, select the video file, then press the '**Show in Windows Explorer**' button.

- 5) You may press the '**Copy to...**' button to copy the exported video file to external storage device.
- 6) In the 'Copy to' window, press 'Browse' button. Then, select the destination for the copy. Usually, this will be your USB external storage device.
- 7) Enable '**Append Portable Player**' (☒). This option will include the native media player to playback the exported files.

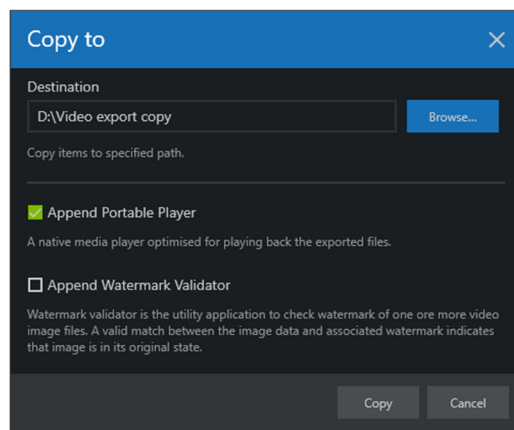


Figure 19

- 8) Press '**Copy**' button.
- 9) In the destination folder, you will get the **PortablePlayer** folder and **PortableLauncher.exe** file.

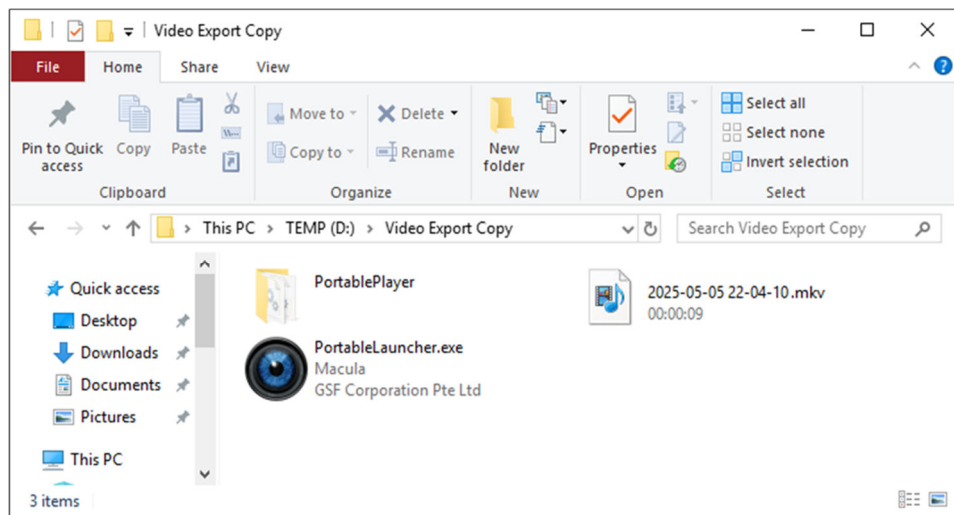


Figure 20

10) Run the PortableLauncher.exe application.

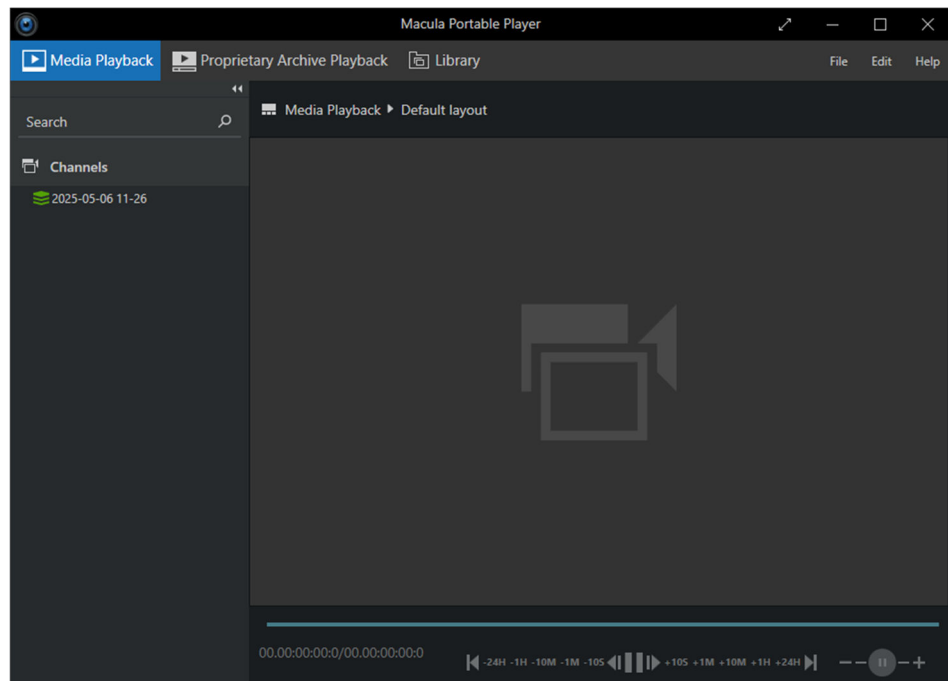


Figure 21

11) Select the video file from the left resource panel. Double-click. The video shall be loaded immediately, and you may start to playback.

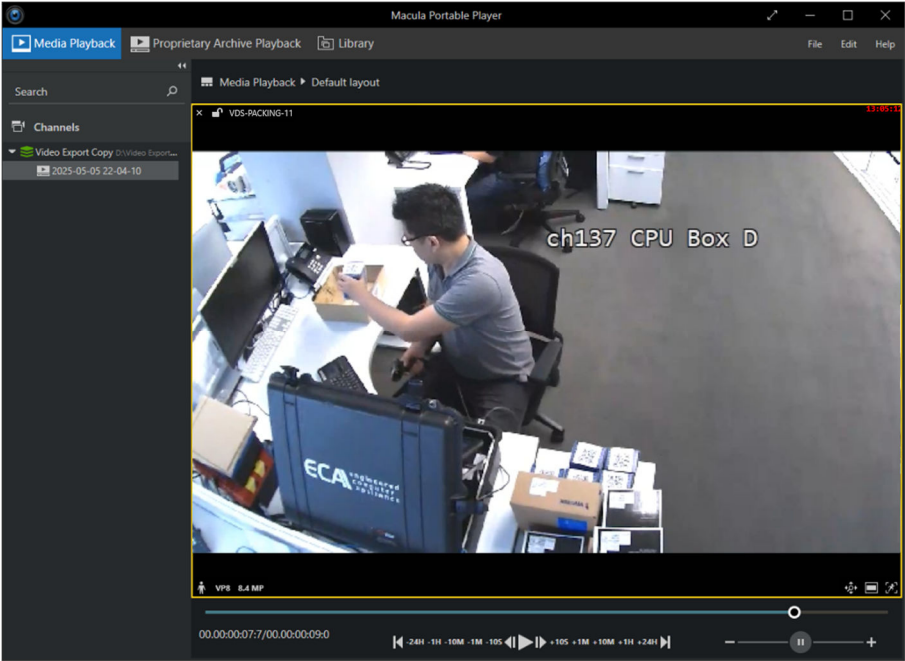


Figure 22

(End of VDS Operation Guide)