

Free Ocean Systems QuickView LT Multimedia Viewer with Omnivore and QuickDME Integration Options

New "Free" Viewer named QuickView LT™

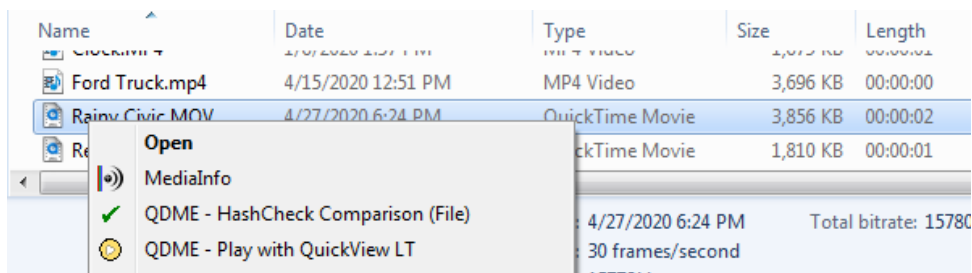
If you are looking for a "Free Viewer" that is accessible just a right click away from Microsoft Windows Explorer, that support more formats than normal viewers and provides you important information displayed via our metadata comparison report, then you want to download QuickView LT.

Why Use QuickDME QuickView LT

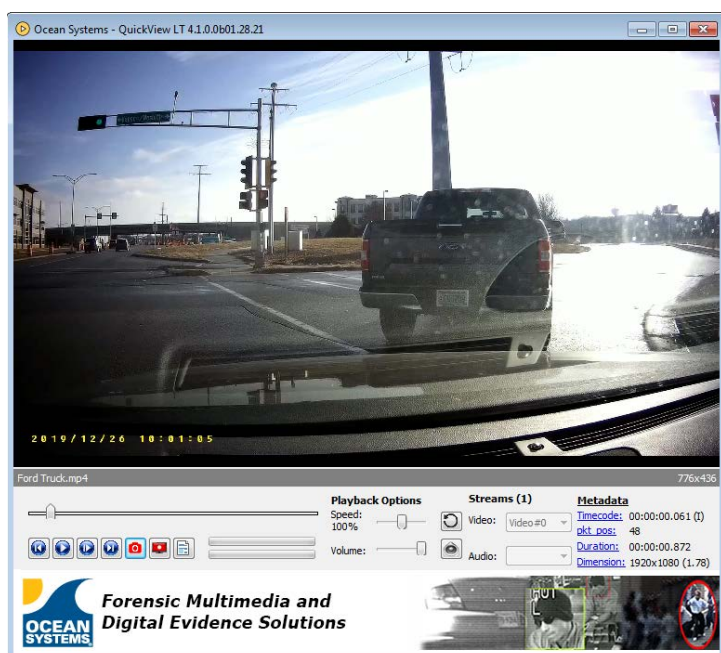
QuickView leverages the FFmpeg decoder engine making it easy to view most the files you get. To make this work the way you work, we provide access to QuickView LT as a right click from Windows Explorer.

Accessing QuickView LT™ From Windows Explorer

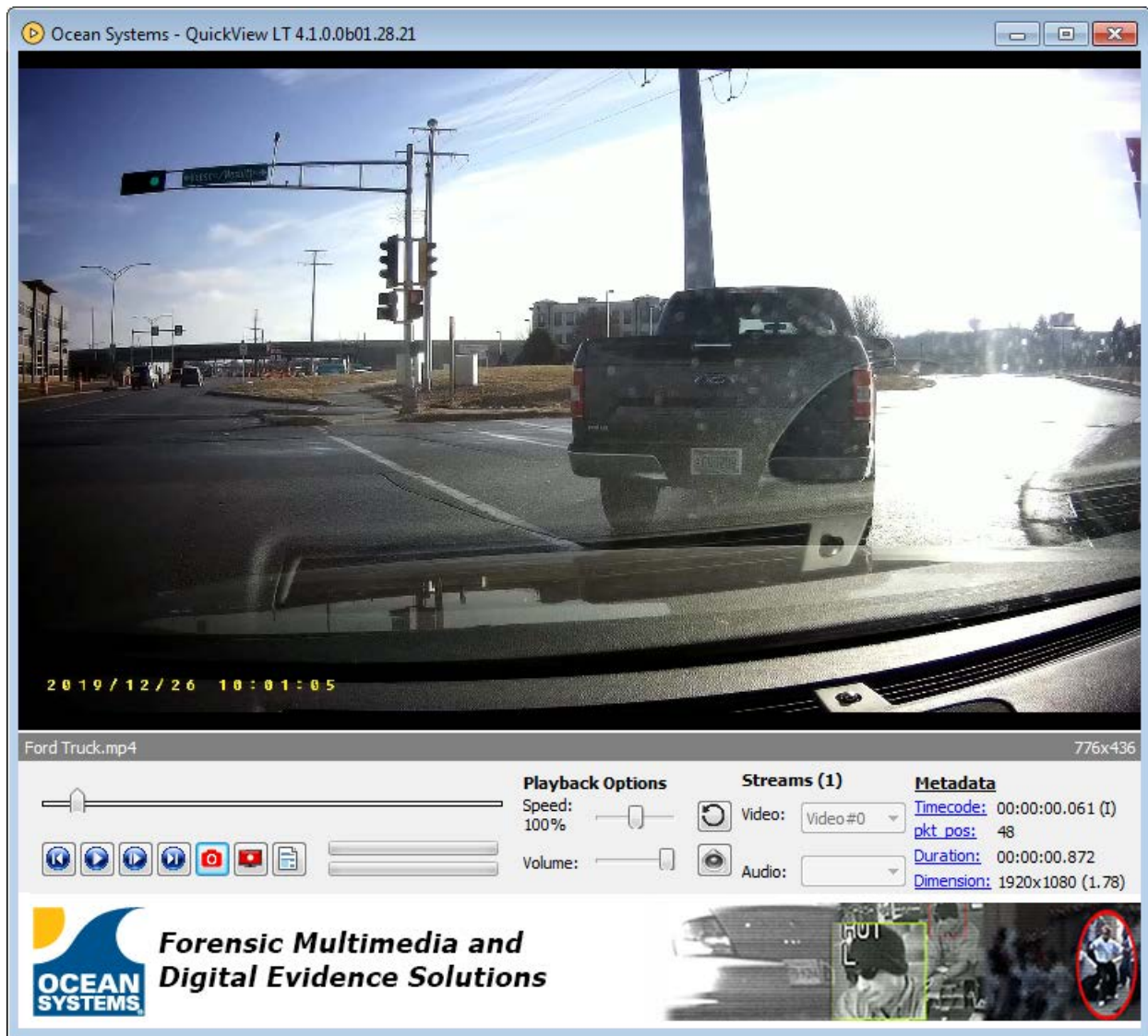
From Windows Explorer, select the media file, and then right click to view in QuickView LT.



That will launch the QuickDME QuickView LT Player

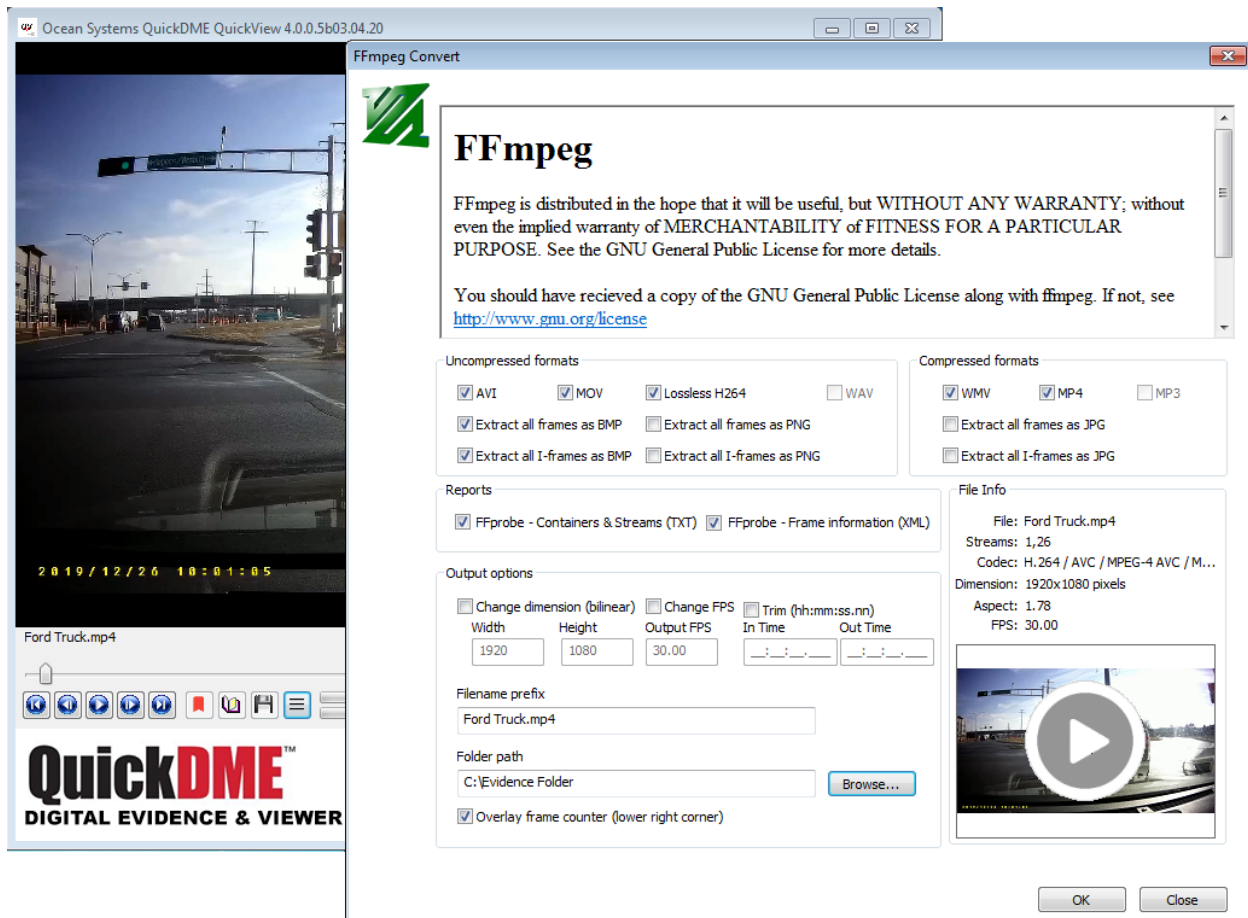


Omnivore and QuickDME - Omnivore Users gain digital media processing export options



Omnivore Users

While watching a video in QuickView LT, plug in your Omnivore drive and you gain the ability to process the video to various formats, including reports. See your export options on the following page.



In one execution, you can process to:

- AVI , MOV, Lossless H264, Extract all frames as BMP, Extract all I-Frames as BMP
- WAV, MP4
- FFprobe – Contrainers & Streams (TXT),
- FFProbe – Frames information (XML) give you colored columns for I, P and B frames
- Overlay frame counter (lower right corner)

The screenshot shows the 'FFmpeg XML Viewer' window displaying a table of frame information. The table has the following columns: media_type, stream_index, key_frame, pkt_pts, pkt_pts_time, pkt_dts, pkt_dts_time, best_effort_t..., best_effort_t..., and pkt_duration. The rows are color-coded: red for I-frames, yellow for P-frames, and blue for B-frames. Below the table, there are controls for Streams (Video, Audio) and Frames (GOP: 300, 3 I Frames, 359 P Frames, 358 B Frames, 0 Other Frames). There are also buttons for 'Columns' and 'Close'.

media_type	stream_index	key_frame	pkt_pts	pkt_pts_time	pkt_dts	pkt_dts_time	best_effort_t...	best_effort_t...	pkt_duration
video	0	1	0	0.000000	0	0.000000	0	0.000000	20
video	0	0	20	0.033333	20	0.033333	20	0.033333	20
video	0	0	40	0.066667	40	0.066667	40	0.066667	20
video	0	0	60	0.100000	60	0.100000	60	0.100000	20
video	0	0	80	0.133333	80	0.133333	80	0.133333	20
video	0	0	100	0.166667	100	0.166667	100	0.166667	20

Sample of color coded Frame Information XML Report

QuickDME Users Get These Additional Processing Features

When installing QuickView LT from the QuickDME installer, select install the demo database. This will not only add more export options to QuickView LT such as

- Rewrap export options, Hashing, Bookmarking, Macroblock Visualization, and a Metadata Summary Report that compares Exif, Media Info and FFProbe in a single comparison report so you can detect conflicting information, but you will also get full access to QuickDME.

With this set up, QuickView LT allows you to leverage all these FFmpeg options including previewing a Macro Block version and rendering out the video showing Macro Blocks of which areas of the video have been refreshed during the MPEG encoding process. See an example on the next page.

(Example of Macro Block Visualization – Showing Updated Pixels from Mpeg Encoding)

Download QuickView LT Today

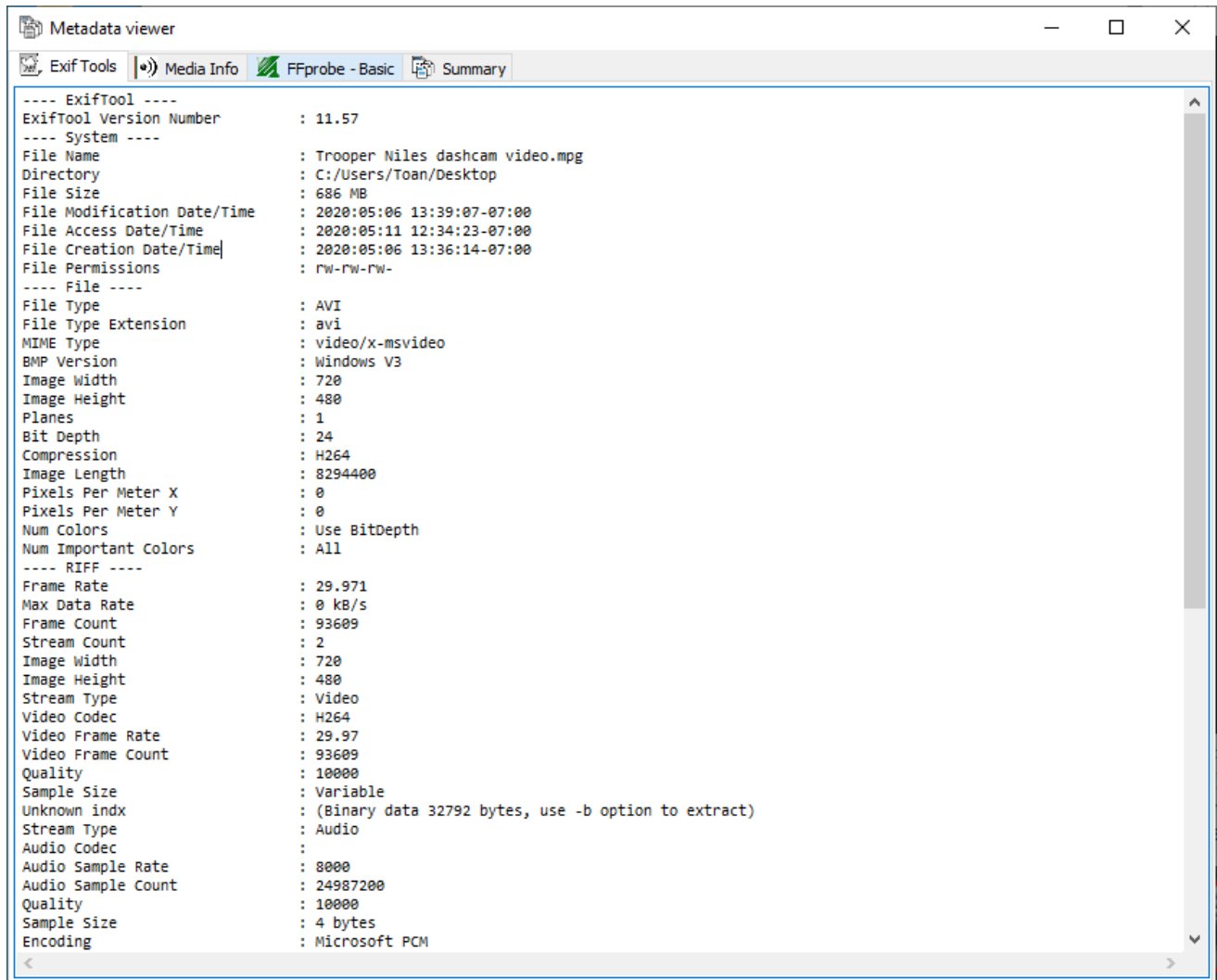
If you have seen enough to peak your interest and want to download QuickView LT, you can get started right now. We have a demo installation package that will have you up and running in just a few minutes.

- 1) [Download and install QuickDME](#) from the Ocean Systems Web Page.
- 2) Once installed, Open Windows Explorer
- 3) Browse to a file > right click and you will see “QuickDME QuickView LT”

With the release of QuickDME 4.1.0, we now added the following

- View Metadata from
 - Exif Tools
 - Media Info
 - FFProbe
 - Summary

Exif Report – Example of Exif Tools Tab View



The screenshot shows a window titled "Metadata viewer" with four tabs: "Exif Tools", "Media Info", "FFprobe - Basic", and "Summary". The "Exif Tools" tab is active, displaying a text-based report for the file "Trooper Niles dashcam video.mpg".

```
---- ExifTool ----
ExifTool Version Number      : 11.57
---- System ----
File Name                    : Trooper Niles dashcam video.mpg
Directory                   : C:/Users/Toan/Desktop
File Size                   : 686 MB
File Modification Date/Time  : 2020:05:06 13:39:07-07:00
File Access Date/Time       : 2020:05:11 12:34:23-07:00
File Creation Date/Time     : 2020:05:06 13:36:14-07:00
File Permissions             : rW-rW-rW-
---- File ----
File Type                   : AVI
File Type Extension         : avi
MIME Type                   : video/x-msvideo
BMP Version                 : Windows V3
Image Width                 : 720
Image Height                : 480
Planes                     : 1
Bit Depth                   : 24
Compression                 : H264
Image Length                : 8294400
Pixels Per Meter X          : 0
Pixels Per Meter Y          : 0
Num Colors                  : Use BitDepth
Num Important Colors        : All
---- RIFF ----
Frame Rate                  : 29.971
Max Data Rate               : 0 kB/s
Frame Count                 : 93609
Stream Count                : 2
Image Width                 : 720
Image Height                : 480
Stream Type                 : Video
Video Codec                 : H264
Video Frame Rate            : 29.97
Video Frame Count           : 93609
Quality                     : 10000
Sample Size                 : Variable
Unknown indx                : (Binary data 32792 bytes, use -b option to extract)
Stream Type                 : Audio
Audio Codec                 :
Audio Sample Rate           : 8000
Audio Sample Count          : 24987200
Quality                     : 10000
Sample Size                 : 4 bytes
Encoding                    : Microsoft PCM
```

Summary View - Example

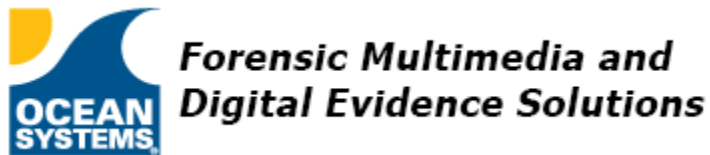
Metadata Summary for Trooper Niles dashcam video.mpg

Description	Exif Tools	Media Info	FFprobe
Reader Version	11.5.7.0	20.03.0.0	N-91448-gbd8a5c6b7c
File Type	AVI	H264	avi
Duration	0:52:03	52 min 3 s	00:52:03.42
Stream Count	0	2	2
Video Stream	No	Yes	Yes
Audio Stream	No	Yes	Yes

Stream 1 Information		
Type	Audio	video
Codec	1	H264
Duration	52 min 3 s	3123.423632
Frame Rate	29.970 (30000/1001) FPS	14984999/500000
Width		720

We look forward to working with you.

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