

vMax® View

	Video Review Software – Minimum Requirements	Compliance (Y/N/P):	Vendor Response:
Minimum Requirements	The vendor is required to provide a user-interface to view, search, archive and manage video associated with the mobile video recording system.		
	Video review software must support the following operating systems: Windows XP SP3, Windows Vista, Windows 7 (32 & 64-bit versions).		
	Minimum system requirements for operating the software shall be: dual core CPU or higher, 1024 x 768 monitor resolution, 32-bit color quality, sound card & speakers, USB2.0, 1GB RAM or higher, 10 GB of available hard disk space, CD-ROM drive.		
Overview	The video review software shall be scalable and capable of resizing the viewing area, or maximizing the window to full screen.		
	vMax View shall enhance the privacy of drivers and passengers with its new blurring feature. Software users can easily blur the faces of all people in the video to ensure security. The feature is applied to the video as opposed to a single snapshot.		
	The video review software shall support the automatic detection of media and display the total hard drive capacity upon being recognized.		
	Similarly, the video review software shall allow for searching and opening of previously saved archive files in a proprietary format.		
	The video review software shall sort all available video segments by vehicle ignition cycles (i.e. DVR power-on/off).		

Searching	<p>Video review software shall include a calendar function that allows for searching of video segments. The calendar function shall provide visual feedback of any days that contain video data. It shall:</p> <ul style="list-style-type: none"> • highlight in green the currently selected day that contains data. • highlight in gray any day that contains available data. • highlight in red any day that contains an alarm event. <p>The video review software shall also provide the capability for time search (hours: minutes: seconds) within a selected day.</p>		
	<p>The video review software shall allow user-friendly searching of all data residing on the hard disk. Search options should include:</p> <ul style="list-style-type: none"> • Alarm events • DVR log events • Time & date • Telemetry 		
Display	<p>The video review software shall allow for flexible channel display options including:</p> <ul style="list-style-type: none"> • Single-channel display • Quad-display • 6-channel display • 9-channel display • 13-channel display • 16-channel display 		
	<p>The video review software shall allow for any display window to be “undocked” from the software to allow for further flexibility and multi-monitor support.</p>		
	<p>The video review software shall allow for the ability to create an unlimited number of customizable display modes within the viewing pane. The software shall provide the means to save an unlimited number of</p>		

	customized displays that can be accessed based on user-preference.		
	The video review software shall allow for the review of audio from any single channel independent of video being displayed.		
	The video review software shall utilize a segment graph displaying all video segments available on the hard drive. Display options shall be such that the user can toggle between daily or hourly display of available video segments.		
Controls	The video review software shall utilize user-friendly intuitive controls for initiating: <ul style="list-style-type: none"> • Video playback • Pause • Fast-forward • Rewind • Frame-advance • Next video segment • Playback loop 		
	The video review software shall provide the user with a means for adjusting audio volume from within the software.		
	The video review software shall allow for complete flexibility, allowing the user to configure how the video is displayed. It shall: <ul style="list-style-type: none"> • select which channel to display in any given window. • select telemetry display in any given window. 		
Telemetry	Telemetry options to be displayed within any given window shall include: <ul style="list-style-type: none"> • GPS map display indicating vehicle position (if optional GPS module is installed) 		

	<ul style="list-style-type: none"> • Vehicle speed • DVR signal inputs (turn signals, brakes, stop arm etc. – if connected) • Idling (if connected) • G-Sensor (if connected) 		
	<p>Provided mapping functionality shall access map data from the internet and shall be free-of charge. No third party mapping programs that require installation of mapping software will be accepted.</p>		
	<p>Provided mapping functionality shall be displayed synchronized with video and represent the exact vehicle location during the date and time represented within the software.</p> <p>GPS data shall be stored as a separate stream of data from the video. GPS mapping that requires the use of a DVR channel will not be accepted.</p>		
	<p>The video review software shall allow for the visual display of:</p> <ul style="list-style-type: none"> • Current time and date of video being reviewed • Start and end of time and date of the video segment • Bus number • Vehicle voltage 		
Archiving	<p>The video review software shall allow for the specification of start and stop date and time for a desired video archive utilizing a very simple two-click method.</p>		
	<p>The video review software shall incorporate an archiving wizard that walks the user through various options during the archiving process for maximum ease of use.</p>		
	<p>The video review software shall allow for the capability to customize and save archive settings based on user-preference to be used for all future archives.</p>		

<p>The video review software shall provide the user with the option to save a video archive in one of three formats:</p> <ul style="list-style-type: none"> • Proprietary video format • WMV • AVI • JPEG (still image) • BMP (still image) <p>Video systems that do not store data in a native proprietary format will not be accepted due to concerns surrounding access to data.</p>		
<p>The video review software shall automatically export all video, audio and associated metadata for archives that are performed in proprietary format.</p>		
<p>The video review software shall allow the user to select any one or combination of cameras to be archived in a non-proprietary format. When multiple cameras are selected, the software shall export a single non-proprietary file (AVI, WMV) that contains all selected cameras.</p>		
<p>The video review software shall allow users to specify video quality and size for any archives that are performed in non-proprietary format.</p>		
<p>The video review software shall allow users to turn on/off text overlay as well as change the colored appearance of the text overlay for any archives that are performed in non-proprietary format.</p>		
<p>The video review software shall feature the ability to specify privacy zones in order to mask user-selectable areas of the video for any archives that are performed in non-proprietary format.</p>		
<p>The video review software shall allow users to select an unlimited quantity of 4-point areas of any single or combination of cameras to be masked during the archive process.</p> <p>The end result shall be a non-proprietary video file (AVI or WMV) with specific user-selected areas of the video blurred or masked during video review.</p>		

	The masking feature shall in no-way modify the original data associated with the video segment and will only be available for files archived in non-proprietary format.		
Support	The video review software shall feature an integrated help file detailing all features and functionality available within the software. The help file shall be easy to navigate and incorporate screen captures for maximum ease of use		
	The provided help file shall allow a user to point a computer mouse over a specific area within the software, pressing F1 will launch the section of the help file specific to the selected feature.		