Corel® VideoStudio® Ultimate X9
Reviewer’s Guide
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Introducing Corel VideoStudio Ultimate X9

Welcome to VideoStudio® X9! With the latest versions of our award-winning consumer video editor, the Corel® video team has focused on delivering powerful applications that bring together an unmatched combination of creativity and ease of use. Users of all levels now have an environment where they can grow their video editing skill set to create movies that are uniquely their own.

Whether you choose Ultimate or Pro, the VideoStudio X9 family takes creativity to new levels with multi-camera editing, enhanced audio features, multi-point motion tracking, boosted performance (including new 6th Generation Intel chips), and more.

For users who want to max out their moviemaking capabilities, the new Ultimate version offers support for up to 6 cameras in the Multi-Camera Editor (2 more than Pro), the ability to work with additional formats including MXF (XAVC), and it delivers extra value with 11 premium effect collections from NewBlue, Boris Grafitti and ProDAD.

With an easier-to-use, streamlined UI and intelligent new features that let you focus on your subject and story, VideoStudio X9 frees you from the technical aspects of moviemaking. Combined with optimized performance and support for the latest technologies, this new editing environment is faster and more responsive than ever.

On behalf of the entire team, I’d like to thank you for choosing VideoStudio X9. We are proud to offer users total creativity in a surprisingly easy-to-use video editor.

Thank you.

Michel Yavercovski
Senior Director Product Management
VideoStudio

Customer profiles

Here’s a glimpse at the people who are driving VideoStudio’s success.

Video enthusiasts

Video enthusiasts capture their stories – family events, community activities, travel, sports and more – with impressive creativity and moviemaking skill. They embrace new technologies, often possess multiple creativity and moviemaking skill. They embrace new technologies, often possess multiple cameras, and choose VideoStudio for its speed, stability, rich features, and creative freedom.

The social videographer

These users want hassle-free technology that lets them achieve results quickly, but still offers features that help them grow. Their goal is to join the video community on sites such as YouTube, where they can build an audience exchange ideas.

Educators

VideoStudio includes features relevant to students and teachers, such as screen capture capabilities, stop motion, simple compositing, and much more. A royalty-free version of VideoStudio offers educational institutions a low-cost licensing opportunity.

Social media marketers

Today’s marketers understand the potential for video to inform, instruct, influence, and demonstrate the value of products and services. VideoStudio is perfect for the non-technical market, offering all the simple tools required to quickly and easily produce pro-quality videos.

Action videographers

These adventurous souls likely fell backwards into video editing, starting with the purchase of a GoPro or other action camera. The no fuss, no muss hallmark of VideoStudio appeals to their adrenaline-junkie spirit.
What’s included?

Main application

- Corel® VideoStudio® Ultimate X9: This all-in-one video editor combines a simple workspace with creative editing, professional effects, complete screen recording, interactive web video, and total disc authoring.

Supporting applications and content

- Corel® FastFlick™: Create movies in minutes with this sleek and simple template-based application.
- Corel® ScreenCap X9: Create demos or training videos, record your screen, mouse movements and capture audio at the click of a button.
- VideoStudio® MyDVD®, VideoStudio Ultimate X9: Complete your video projects with interactive, professional-looking DVD menus, complete with image-rich menus and music.
- ScoreFitter: With integrated ScoreFitter audio, you can easily build a fantastic soundtrack, with sound effects, voice-overs, and background music that sets the mood.
- Premium effects: VideoStudio Ultimate X9 includes 11 premium effect collections that ensure you have everything you need to correct common production problems and enhance your video with stunning effects from our partners at NewBlueFX, proDAD, and Boris Graffiti.

Learning

- User Help and Getting Started screens (Help menu)
- User Guide PDF
- Tutorials through the Discovery Center

Minimum system requirements

- Internet connection required for updates
- Windows 10, Windows 8, Windows 7, 64-bit OS highly recommended
- Intel Core Duo 1.8 GHz, Core i3 or AMD Athlon 64 X2 3800+ 2.0 GHz
- Intel Core i5 or i7 1.06 GHz required for AVCHD & Intel Quick Sync Video support
- Intel Core i7 or AMD Athlon X4 for UHD or Multi-Camera editing
- Intel 6th Generation processor (Skylake) is required for HEVC hardware encoding
- 2 GB of RAM, 4 GB for Windows 64-bit, 8+GB highly recommended for UHD or Multi-Camera editing
- Graphics card supports DXVA2 VLD mode with Vertex and Pixel Shader 2.0 and 512 MB VRAM for hardware decoding acceleration
- HEVC import requires Windows 10 and graphics card hardware support
- 128 MB VGA VRAM
- Display resolution: 1024 x 768
- Windows-compatible sound card
- 6 GB HDD space for full installation
- Digital download available for installation Input/output device support

Input format support¹

- **Video**: AVCHD, DV, HDV, AVI, MPEG-1/-2/-4, DVR-MS, DivX®, SWF*, UIS, UISX, M2T, M2TS, TOD, MOD, M4V, WebM, 3GP, WMV, Non-encrypted DVD titles, MOV, MKV, XAVC, MXF**, HEVC
- **Audio**: AC3, MP3, MPA, MOV, WAV, WMA, MP4, M4A, Aiff, AU, CDA, AMR, AAC, OGG

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¹ Some input format support may require third-party software.
*MOV, DivX & SWF: QuickTime driver for MOV, DivX codec for DivX and Flash player for SWF are required to enable these formats.
**VideoStudio Ultimate only
Output format support

- **Image**: BMP, CLP, CUR, EPS, FAX, FPX, GIF87a, IFF, IMG, JP2, JPC, JPG, MAC, MPO, PCT, PIC, PNG, PSD, PXR, RAS, SCT, SHG, TGA, TIF/TIFF, UFO, UFP, WMF, PSPImage, Camera RAW, 001, DCS, DCX, ICO, MSP, PBM, PCX, PGM, PPM, SCI, WBM, WBMP

- **Video**: AVCHD, DV, HDV, AVI, MPEG-1/-2/-4, UIS, UISX, M2T, WebM, 3GP, HEVC, WMV, QuickTime*

- **Device**: Apple iPod/iPhone/iPad/TV, Sony PSP/PS3/PS4, Nintendo Wii, Microsoft Xbox compatible formats

- **Audio**: AC3, M4A, OGG, WAV, WMA

- **Image**: BMP, JPG

**Blu-ray support**

- Requires purchase of a separate plug-in from within the product
- Requires Blu-ray Disc reader and/or burner

**Stop Motion support**

Digital Single-Lens Reflex (DSLR) cameras for **Stop Motion**: (Canon) EOS-1D Mark III, EOS-1D Mark IV, EOS-1Ds Mark III, EOS 1D X, EOS-1D C, EOS 5D Mark II, EOS 5D Mark III, EOS 6D, EOS 7D, EOS 40D, EOS 50D, EOS 60D, EOS 60Da, EOS 450D/Rebel XSi, EOS 500D/Rebel T1i, EOS 550D/Rebel T2i, EOS 600D/Rebel T3i, EOS 650D/Rebel T4i, EOS 1000D/Rebel XS, EOS 1100D/Rebel T3, EOS M

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1. Some output format support may require third-party software.

*MOV, DivX & SWF: QuickTime driver for MOV, DivX codec for DivX and Flash player for SWF are required to enable these formats.

**VideoStudio Ultimate only**
Top new and enhanced features

New creative features as well as enhancements to favorite features and performance improvements means that you can create stunning videos more quickly in Corel VideoStudio Ultimate X9. Key features are listed below.

**New!** The **Multi-Camera Editor** lets you create professional-looking video compilations from footage of events that have been captured on different cameras, from different angles.

The easy multi-view workspace lets you synchronize the clips and edit on the fly, as the video clips play back simultaneously—up to six cameras. With a simple click, you can switch from one video clip to another in the same way a broadcast studio switches from one camera to another to capture a different angle or element of a scene.

Footage can be captured on a wide range of video recording devices, such as action cameras, drone cameras, DSLRs, or smartphones. You can also include audio captured independently.

You can sync, simultaneously play back, and edit footage from as many as six cameras in Corel VideoStudio Ultimate X9.
Give it a try

1 In the VideoStudio X9 Library, select 2-6 video clips of footage that were shot at the same time and place, but on different cameras. Right-click one of the selected clips, and choose Multi-Camera Editor.

2 In the Multi-Camera Editor window, synchronize the clips by choosing an option from the Source Sync Type box on the toolbar. If your clips include audio, choose Audio, and click the Sync button to the right of the menu.

3 In the Main Audio box, also on the toolbar, choose the track that you want to use for the audio. To find the best audio, choose each Camera or Audio track in the list and click the Play button below the main preview to evaluate the quality. The scrubber in the timeline indicates which part of the clip you are listening to.

4 To start editing, in the Timeline, ensure the scrubber is set to your preferred starting point, and click the Play button. As you watch the video clips play in the multi-view pane, click a clip preview to display it in the main preview pane and to add it to the Multi-Camera track at the top of the timeline. Click a different clip preview to switch to a different camera. When you’re finished, you’ll see all the camera segments in the Multi-Camera track.

Give it a try

5 To fine tune your project, you can click a segment in the Multi-Camera track, and drag the edge until the frame where you want to switch cameras appears in the main preview pane.

6 When you are finished, click OK to save your project to the Library and close the Multi-Camera Editor.

Enhanced! Normalize Audio automatically balances the volume level for a group of selected audio and video clips. Whether the audio is barely audible, or loud and clear, Normalize Audio ensures a consistent volume range across all the clips.

Enhanced! Audio Ducking — Don’t let background music overpower important audio or narration in your video. Audio ducking (similar concept to side-chaining) is used to automatically lower the volume of one track so that you can hear another track better. For example, if you have a video project that includes music and voiceover, you can use audio ducking to automatically decrease the music volume when the narrator is speaking. In VideoStudio X9, in addition to the Sensitivity and Ducking Level settings, you can also adjust the Attack and Decay settings to customize the lead in and lead out time for audio ducking.
In these examples, the voiceover is the purple track and the music is the blue track. The yellow line in each example indicates when and by how much the volume of the music track is lowered by applying different Sensitivity settings for Audio Ducking: Top = 0, Middle = 2, and Bottom = 30. In this example, a setting of 2 worked best.

**Give it a try**

**To apply Audio Ducking**

1. In the Timeline view (Edit workspace), ensure that the track you want to apply “ducking” to is below the video, overlay, or voice track that you want to feature.

2. Right-click the music track that you want to “duck” and choose **Audio Ducking**.

**New & Enhanced! Optimized speed and performance** — Speed and performance are always important when you’re editing video. By optimizing VideoStudio X9 for the latest 6th Gen Intel chips and by improving MPEG 4 and MOV playback performance, VideoStudio keeps the editing flow smooth and fun.

**New! More formats supported** — Enjoy more compatibility with support for HEVC (H.265) and MXF (XAVC). HEVC improves on H.264 by offering improved compression (files can be in the range of 50% smaller), making the new format ideal for keeping file sizes lower—especially when creating 4K projects.
**New! Multi-Point motion tracking** - Apply a mosaic blur to people or moving objects with more ease and accuracy by setting the Multi-Point tracker in **Track Motion** to automatically adjust the size and shape of the mosaic blur as the person or object in the video changes angles or moves closer or further from the camera.

The multi-point tracker is used to apply a blur to a logo on the boy’s shirt. The blur automatically adjusts in size, shape, and position as the boy moves towards the camera.

**Give it a try**

**Blurring target areas with multi-point motion tracking**

1. Drag a video clip to the Video Track in the Timeline, right-click and choose Track Motion.
2. In the Tracker type area, click the Set multi-point tracker button, and in the preview area drag the four red nodes to enclose the area that you want to blur.
3. Click the Track Motion button. The video plays as the tracking path is generated.
4. To adjust the tracking path, drag the Scrubber to display frame you want to adjust, and drag the tracker nodes to the position you want and click the Track Motion button.

5. When you are satisfied with the tracking path, click OK.

**New & Enhanced! Timeline** — Stay in the editing flow in the Timeline by using new right-click access to insert and delete tracks. Also enjoy the flexibility of additional Music (audio) tracks—you can now add up to eight audio tracks.

![Timeline Earned](image)

**New! New FastFlick template creation** — Create FastFlick X9 templates in VideoStudio X9. Unlike Instant Project templates, which are essentially previously saved static projects, FastFlick templates are designed to automatically expand or contract to fit the number of photos and videos that a user drops into the template.

![FastFlick Template](image)

You can create and save FastFlick templates in VideoStudio X9.
**Enhanced! Library** — Audio filters are now available in the Library alongside the video filters. In addition, improved importing and backup means that your custom libraries and profiles are preserved, making it easy to back up and restore your profiles and media files when you upgrade or change devices.

You can now find audio filters in the Filters library by clicking the Show Audio Filters button that displays at the top of the Library panel.

**New & Enhanced! More NewBlue video effects** — Create incredible special effects with bonus tools from industry leader, NewBlue. VideoStudio Ultimate X9 adds NewBlue Video Essentials VII to the long list of effect filters that help you correct color, tone, and detail, or add special effects, such as gradient fills, PIP, auto pan, and more.
Defining features

Here’s a snapshot of features that are frequently cited by users as the reason they chose VideoStudio.

**Easy workspace:** The clear-cut VideoStudio workspace is suitable for video editors of all skill levels and presents three easy steps: **Capture, Edit, and Share.**

The Edit workspace in VideoStudio with Timeline View.

The Edit workspace is the heart of Corel VideoStudio. The three main components in the Edit workspace that help you build your video projects are listed below:

- **The Player panel** — consists of the Preview window and the Navigation area, which provides buttons for playback and for precision trimming and editing of clips.

- **The Library** — a storage depot for everything you need to create a movie: video clips, photos, audio files, instant project templates, transitions, titles, filters, graphics, and tracking paths.

- **Timeline panel** — lets you choose between two different project views. Timeline View gives you a comprehensive display of the elements in your movie project, dividing a project into separate tracks for video, overlay, title, voice, and music. In Storyboard View, project elements are presented in chronological order as thumbnails. You can instantly rearrange project elements by simply dragging the thumbnails.
The Storyboard View for the Timeline displays all media in your project as thumbnails in chronological order.

**Creative overlay options:** Create custom looks by adjusting how overlay objects blend with the background. When you use Chroma Key effects with overlay clips, you can specify a color to make transparent (for example, green when using a green screen). Other options, such as Add, Multiply, and Grey Key options, let you create unique semi-transparent and color blend results. You can also use a video mask to hide or reveal different parts of your video for interesting special effects or title sequences.

To display the Mask & Chroma Key page, select your overlay track in the Timeline, and in the Options pane, click the Attribute tab, and click Mask & Chroma Key. Enable the Apply Overlay Options check box and choose an overlay Type: Chroma Key, Mask Frame, Video Mask, Gray Key, Multiply or Add Key.

**Convert titles to Alpha channel files:** Create stylish, professional-looking titles by converting them to alpha channel images (PNG) or animations (UISX). Converting the titles lets you access a wide range of overlay settings and effects.

The Multiply overlay option was applied to blend the title image with the background.

**Multi-trim Video:** With the Multi-trim feature, you can easily extract multiple segments from any video clip. The AccuCut timeline makes it fast and simple to zoom in precisely on the exact frame that needs to be trimmed. You simply play the video, click the **Mark-in** button to set the start point for the trimmed clip, click the **Mark-out** button to set the end point, and then repeat. The trimmed clips appear in the Timeline, where you can delete or re-adjust clips.

A video mask can be used to creatively reveal an underlying video or image. In the example above, the brush strokes gradually reveal a background image.
**Freeze Frame:** Showcase a specific frame in your video by extending the length of time that frame displays. For example, you can use **Freeze Frame** to showcase the video frame where a goal is scored in a sporting event or use it to showcase a smile or reaction that you’ve captured.

When you apply **Freeze Frame** to a video clip, the clip is automatically split at the freeze point and the frame you choose is inserted as an image file (BMP) and displayed on screen for the duration that you set.

**Customize Motion:** As a complement to the motion tracking functionality, VideoStudio also lets you define your own motion path. This dramatically accelerates the process of setting animated paths in comparison with competitor video-editing applications. With **Customize Motion**, you have the freedom to quickly and easily create moving picture-in-picture effects with graphics, objects, titles, and video clips.

**Variable Speed:** VideoStudio provides a Variable Speed feature that lets you quickly make adjustments to a project’s playback speed — at multiple intervals. In combination with existing 50p/60p support, variable speed editing is terrifically suited for creating dramatic slow-motion effects. For example, you could slow down your video during a musical interlude, or speed up playback during an action sequence.
**Time-lapse / strobe effect:** You can easily create cool time-lapse or strobe effects from a series of photos with VideoStudio.

You can create time-lapse or strobe effects.

Time-lapse photography involves capturing a series of consecutive photos of a gradually occurring event, like moving traffic, a rising tide, or a setting sun. For example, you might set a camera to shoot an evening skyline every few seconds over the course of 8 hours.

**Support for QuickTime movies with alpha channels:** You can import animated sequences that contain transparent backgrounds. This means that you can create animations and video effects in popular 2D and 3D animation packages for use in VideoStudio.

**Advanced disc authoring:** In addition to the easy disc authoring options offered in VideoStudio MyDVD, VideoStudio provides a robust integrated disc authoring solution that helps you create professional-looking DVD, AVCHD, or Blu-ray discs (plug-in) with menu navigation. You can export single clips from the disc authoring interface, edit and create disc subtitles, add custom disc menu icons, print disc labels, and show or hide DVD subtitles. In addition, you can use Multi-trim video to extract multiple clips, join or separate videos, and undo any changes that you’ve made in haste.

You can preview your disc project before burning.
**Stop Motion animation:** This classic animation technique of giving life to inanimate objects is fun for anyone interested in filmmaking, and has produced renowned films and television shows, such as Wallace & Gromit, and Gumby.

The Stop Motion tools offer endless fun and creative expression.

**Import multi-layer graphics:** You can add multi-layered Corel® PaintShop® Pro (PSP) graphics to your movies by simply dragging a graphic to the Timeline. For businesses, the ability to import — for example, a print ad — makes it easy to produce videos that share a consistent look and feel with other collateral.

Support for multi-layer graphics lets you apply effects and animations to the individual layers of an image.
**Subtitle Editor:** VideoStudio substantially reduces the time and effort required to add subtitles to your video. The Subtitle Editor automatically detects speech in your video, providing an instant, editable list of potential subtitle moments. For accurate voice-detection results, it is best to use a video that contains clear speech and minimal background noise. In addition to typical narrative or explanatory subtitles, you can also use the Subtitle Editor to add karaoke text to music videos.

![Subtitle Editor](image)

*The Subtitle Editor automatically detects speech in your videos, making it faster and easier to add subtitles.*
Comparing versions

The table below compares the features available in Corel VideoStudio Ultimate X9 and Corel VideoStudio Pro X9.

<table>
<thead>
<tr>
<th>Features</th>
<th>Ultimate X9</th>
<th>Pro X9</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Creative features</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NEW! Multi-Camera Editor – Sync and align your clips, switch angles, cut, delete and add transitions in one application</td>
<td>6 cams</td>
<td>4 cams</td>
</tr>
<tr>
<td>NEW! Multi-Point Motion Tracking – Track up to 4 points in your video</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Freeze Frame – Add extra impact by temporarily stopping the action to focus on a single frame. Easily select the frame and set the duration</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Overlay Options – Create unique semi-transparent and color blend results with Add, Multiply and Grey Key options</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Motion Tracking – Easily track moving objects on screen and connect them to elements such as text and graphics</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Stop Motion – Quickly create an animated movie starring people, toys and objects</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Time-lapse Photography – Start with a video clip or a series of photos and accelerate them to make a time-lapse movie. Remove frames to achieve a strobe effect and play with speed</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>HTML5 Editing – Create interactive video with onscreen graphics, integrated hyperlinks and titles, with HTML5 output and HTML5 Instant Project templates</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>BONUS! FastFlick™ – Easy editing mode – Create and share slideshows and videos with an innovative 3 step process</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>BONUS! Screen Capture – Easily capture both system audio and microphone sound when recording your screen; perfect for making tutorials or demo videos</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>Editing</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of tracks</td>
<td>21</td>
<td>21</td>
</tr>
<tr>
<td>ENHANCED! Number of audio tracks</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>ENHANCED! Normalize Audio – Automatically balance the volume of selected clips or the entire track to keep audio volume consistent</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>NEW! FastFlick Template Designer – Create your own FastFlick templates for use in both VideoStudio and FastFlick</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>NEW! More Track Options – Right-click to easily insert a new track above or below an existing one, or remove a track</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>ENHANCED! Audio Filter Library – Audio filters are now integrated in the filter library</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>ENHANCED! Audio Ducking – Detects audio or narration and automatically lowers the volume of background sound. Now with options to fine-tune the lead in/out time</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>ENHANCED! Library Manager – Now you can backup your custom folder and restore to VideoStudio while changing machines or upgrading</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>ScoreFitter – Add music with the included ScoreFitter library of royalty-free sounds and songs that automatically adjust to fit the length of your movies</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Customizable Motion – Customize the movement of graphics, titles and objects. Save your customizable motion paths to a library for quick and easy reuse</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Variable Speed – Slow down or speed up any part of your video without having to work with multiple clips</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Template Library – Drag and drop project templates from the library to the Timeline and jumpstart your production. Make your own templates, or download from the Corel Guide (English only)</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Easy to Share Online – Share your videos directly to YouTube, Facebook, Flickr and Vimeo, niconico (for some countries only) from within VideoStudio</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
### Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Ultimate X9</th>
<th>Pro X9</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dolby Digital</strong></td>
<td>5.1</td>
<td>5.1</td>
</tr>
<tr>
<td><strong>NEW! MXF (XAVC) Import</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>NEW! HEVC (H.265) Import and Export</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>XAVC S Support</strong> – Work with this standard for video cameras based on MP4-AVC/H.264, and get support for resolutions up to 4K 3840 x 2160</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>More Formats Supported</strong> – Enjoy more compatibility with import support for MKV files and export support for MOV (H.264 format)</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Ultra HD (4K) Video Support</strong> – Import, edit and export Ultra High-Definition 4K videos (with resolutions up to 4096 x 2160)</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>NEW! HEVC (H.265) Import and Export</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>DVD, AVCHD and Blu-ray Disc Authoring</strong> (requires an additional paid plugin that can be purchased within VideoStudio) – Export single clips from the disc authoring interface, edit and create DVD subtitles, burn from an ISO disc image and more</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>SD Card Output</strong> – Create AVCHD 2.0 video in SD card with menu support that mimics the familiar disc-authoring process</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

### Operating System and Performance

<table>
<thead>
<tr>
<th>Feature</th>
<th>Ultimate X9</th>
<th>Pro X9</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating System</strong></td>
<td>Windows 10</td>
<td>Windows 10</td>
</tr>
<tr>
<td></td>
<td>Windows 8</td>
<td>Windows 8</td>
</tr>
<tr>
<td></td>
<td>Windows 7</td>
<td>Windows 7</td>
</tr>
<tr>
<td><strong>NEW! Intel® 6th Gen Core Technology (Skylake) Optimization</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>ENHANCED! MPEG-4 &amp; MOV optimized playback performance</strong></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Premium Special Effects Pack</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>NewBlue Effect Packs:</strong> Add filters, transitions and special effects from the best selling NewBlueFX effects and titles</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>11 Bonus Premium Effect Packs</strong> – Correct and enhance your video with time-saving tools from our industry leading partners, ProDAD, NewBlue and Boris. Get access to hundreds of effects, presets, filters and other tools to give your video that professional polish</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

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Corel® VideoStudio® Ultimate X9 Reviewer's Guide

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