



CyberLink PowerDirector 8

The Power to Create Great Videos

Datasheet

CyberLink PowerDirector 8 strikes the perfect balance between easy consumer-level usability and powerful pro-like technology to create great videos. New features include particle effects, SD-to-HD up-scaling, and faster video rendering. Users can output their videos by authoring Blu-ray Discs, creating files for an iPhone or PSP, uploading to YouTube and Facebook, and more. Free access to DirectorZone enables the sharing of custom effects, disc templates and even the “creative process” with other PowerDirector users.



Unique Consumer Editing Features

Particle Effects Designer

- New particle effects expand the creative possibilities for adding animated objects to projects. Users can begin with PowerDirector's built-in templates, then customize to match their video content.

Video Enhancement Technology

- PowerDirector's advanced TrueTheater Technology improves video project quality, providing SD-to-HD up-scaling, ultra-smooth slow-motion playback, virtual surround sound, video noise removal and lighting adjustment.

CPU/GPU Optimization

- As the first consumer editing software to be optimized for Intel Core i7, ATI Stream and NVIDIA CUDA technology, PowerDirector delivers faster video rendering and saves precious production time.

Open Video Editor

- The DirectorZone website provides unlimited access to shared resources, including new timeline “production maps” and customized designs from other PowerDirector users, such as particle effects and DVD menus.

Customizable Photo Slideshows

- Editable slideshow styles generate stylish video-like productions in minutes. Users can automatically sync their slideshows to music, reposition photo framing, and rearrange the sequence of each photo.

Publishing Options

- Direct uploading to Facebook and YouTube, and output to playback devices such as iPhone and PSP, allow the sharing and enjoyment of completed projects almost anywhere. Users can also author Blu-ray AVCHD and DVDs discs.

Power Tools

- Video cropping, reverse video, and precise “zoom in” trimming deliver pro-like editing results.

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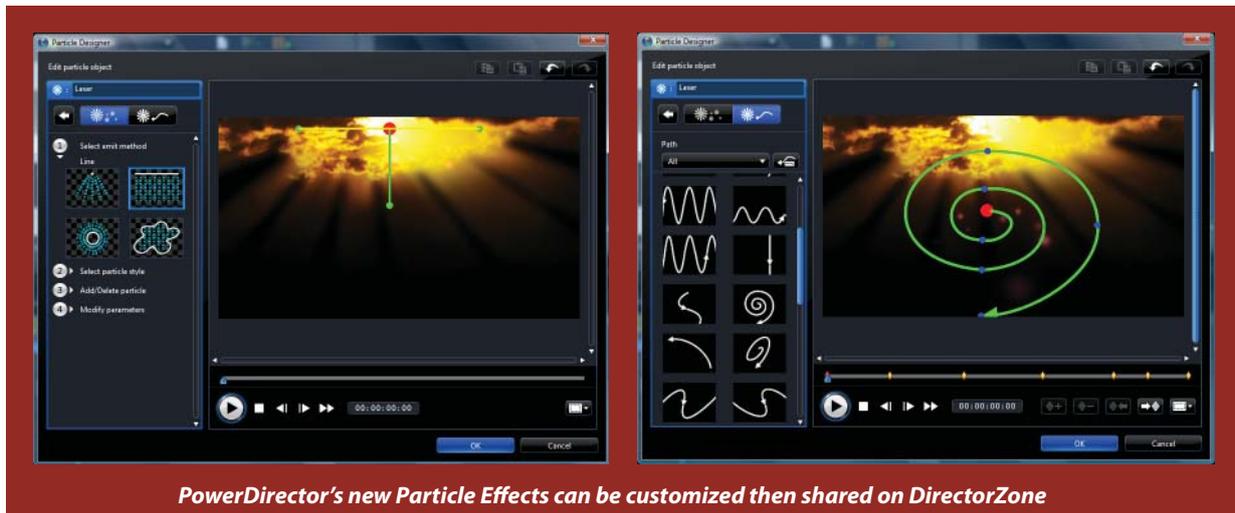
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New & Improved PowerDirector 8 Features

Powerful Video Editing

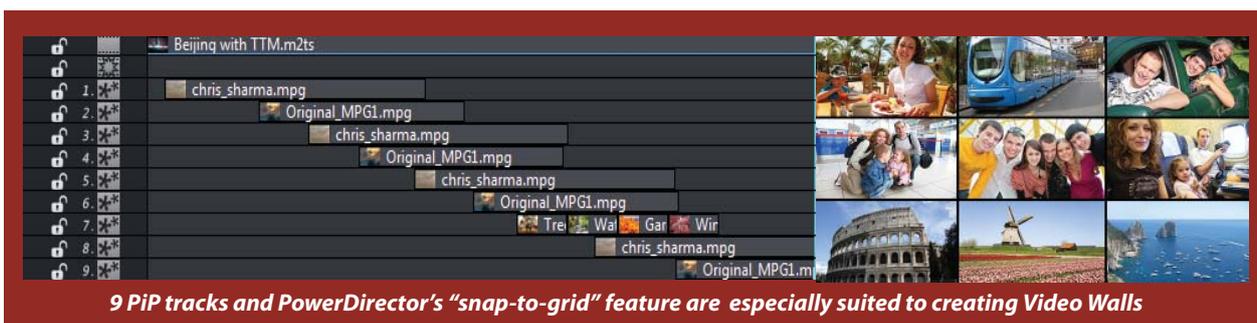
Particle Effects

PowerDirector 8 users can now add sophisticated particle effects to projects. Providing a range of templates and customization options, PowerDirector lets users achieve everything from simple animations to dramatic special effects. As with other customizable features in PowerDirector, particle effects can be shared on DirectorZone.



9 PiP Tracks

The inclusion of 9 PiP tracks (3 more than PowerDirector 7) allows multiple layers of video and objects to be animated simultaneously. Users can now create 3x3 video walls, more sophisticated animations, split screens, and chroma-key effects. Four audio tracks can be used to create more richly textured audio layers.





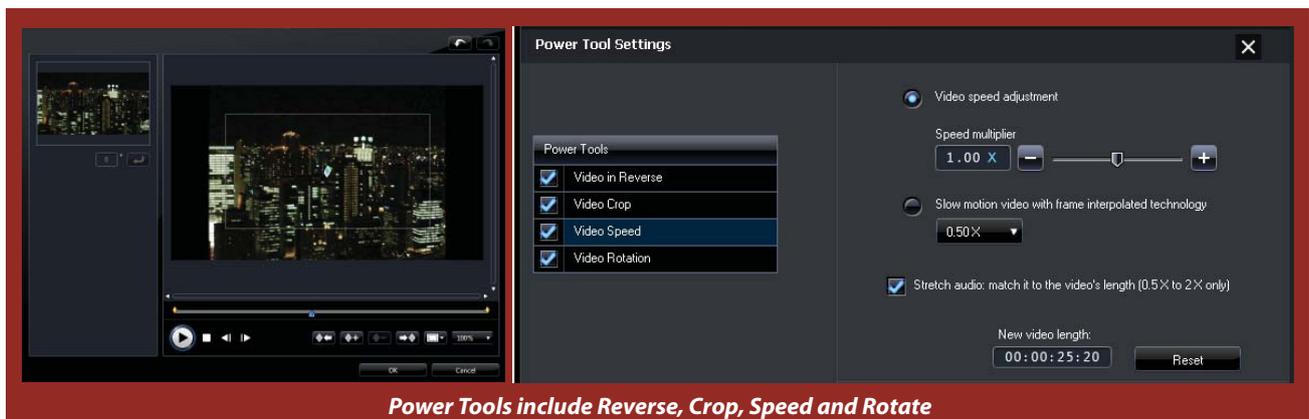
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Power Tools

PowerDirector's new Power Tool Settings—Reverse, Crop, Speed and Rotate—help achieve pro-like results with a minimum of effort. Meanwhile, the patented "Zoom-In" Trim offers more control with frame-level precision over video editing.



Adjustable Workspace & Workflow Tools

PowerDirector's flexible workspace can be dragged to resize, giving users more space to focus on specific tasks like organizing libraries or previewing projects. The ability to lock and hide tracks, as well as compact the timeline, provides easier ways to work with and protect project content. Dual monitor support allows the previewing of projects on a secondary display.



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Faster Performance

Optimization for Intel Core i7, NVIDIA CUDA and ATI Stream

PowerDirector is the first consumer editing software to support Intel Core i7, NVIDIA CUDA, and ATI Stream technology. By leveraging parallel processing power, PowerDirector ensures significantly faster speeds for performing complex computational tasks such as encoding high-definition video and rendering effects. More efficient utilization of the CPU saves time and provides added capacity for working on more tasks at once.



Smoother Editing & Previewing

PowerDirector 8 improves the user experience while editing and previewing projects:

- **Shadow Editing** creates a standard definition version of a user's high-definition content, allowing faster response times by reducing the loading on system resources.
- **Drop-free Frame Previewing** (non-real time previewing) allows users to preview every frame of their project by reducing playback speed, even when system resources would otherwise create frame drops. Intelligent analysis of the video content enables PowerDirector to adjust playback speed according to the system loading.

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Shared Creativity: the “Open” Editing Experience

DirectorZone

DirectorZone represents a unique resource that extends the creative possibilities of PowerDirector. With over 180,000 registered DirectorZone members, many making regular contributions, users can customize and share their own creations—DVD menu templates, PiP objects, title effects and particle effects templates—simply by uploading to the DirectorZone site. Users can also see what are the latest uploads from within their version of PowerDirector 8.

With PowerDirector 8, project timeline details can also be shared in the form of “production maps”, a kind of timeline layout, giving users a glimpse into the unique creative approaches of other users. This represents a remarkable learning tool, offering incredible insight for those working on similar projects.



For even more options, audio files from **freesound.org** and common license photos from **Flickr.com** can be directly downloaded into a user’s media library for free.

Media Management

PowerDirector 8’s new management features allow creation and easy arrangement of media subfolders, providing an efficient means of organizing imported audio and video, downloaded effects and customized templates.

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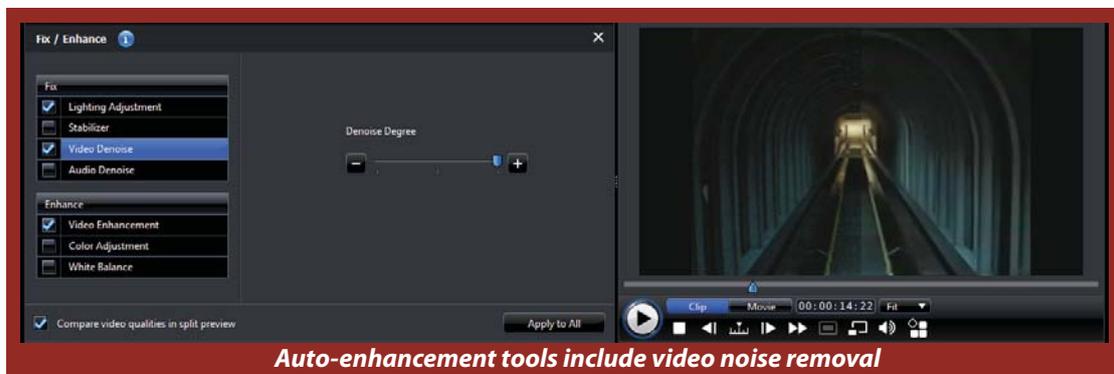
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Enhancement Technology & Time-Saving Tools

CyberLink TrueTheater Technology

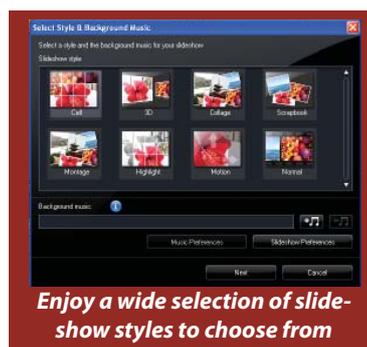
Automatic enhancement tools—powered by CyberLink TrueTheater Technology—ensure that each video can be improved to look its best. PowerDirector delivers HD-like results from standard definition content by upscaling the video resolution. Video noise reduction, backlight and color correction, help compensate for poor lighting during shooting. Meanwhile TrueTheater Surround enables users to author their discs featuring virtual surround sound.



Customizable Slideshows

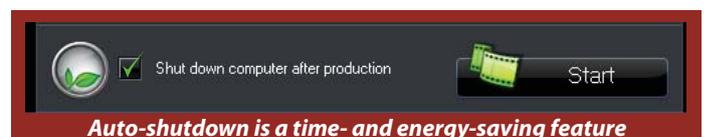
PowerDirector 8's slideshow tools include intelligent beat detection technology and a choice of 8 animation styles.

An advanced customization feature lets users switch themes and manually arrange the sequence and framing of each photo.



Auto-Shutdown

Rendering videos, especially large videos, can take time to transcode. PowerDirector 8 conveniently shuts down a user's PC on completion, saving power and time.



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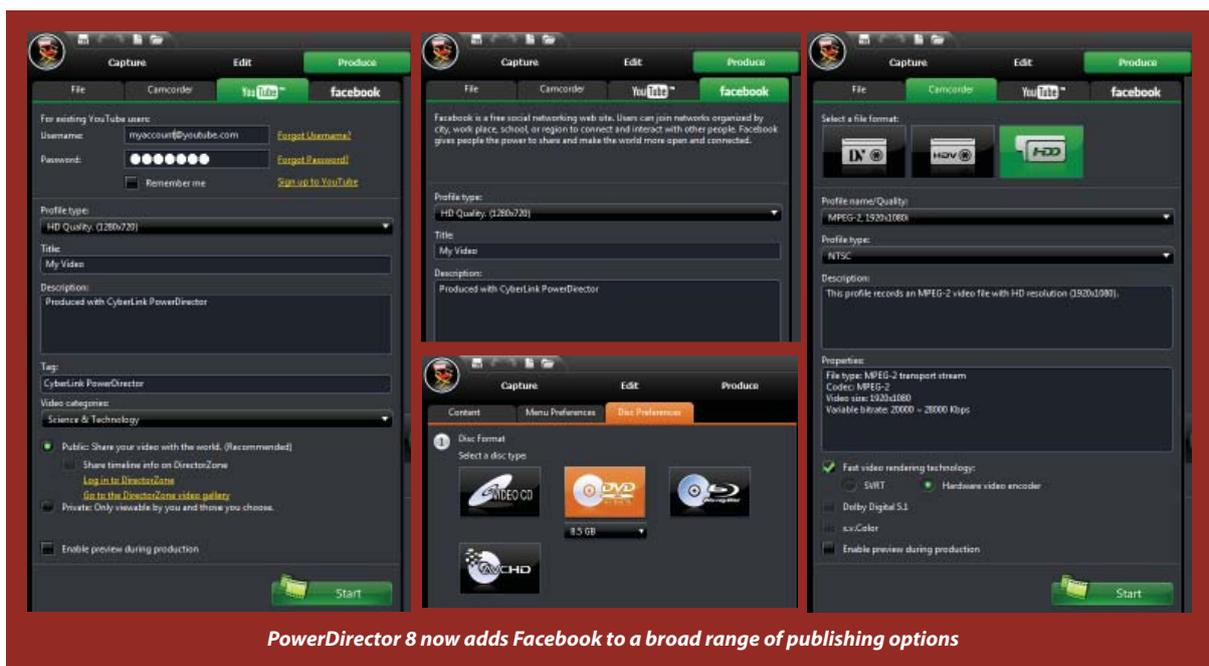
Multiple Ways to Show & Share

Uploading to Facebook & YouTube

Users can upload directly to Facebook and YouTube in high-definition quality, enabling the sharing of videos on today's most popular online communities and video blogging sites. PowerDirector also allows output of video files to media players such as iPhone and PSP, allowing enjoyment of completed projects on the go.



The ability to write back to an HD camcorder offers convenient temporary storage, while authoring DVDs, high-definition Blu-ray Discs or AVCHD discs, provides more permanent storage and the means to watch via a consumer disc player. Users can create their own disc menus, customize one of PowerDirector's built-in templates, or download from DirectorZone.



PowerDirector 8 now adds Facebook to a broad range of publishing options

Format Support

Input: DivX (if preinstalled), HD MPEG-2, DVR-MS, DV-AVI, DAT, MPEG-1, MPEG-2, VOB, VRO, ASF, WMV, WMV HD, MOV, MOD, TOD, AVCHD, MPEG-4, AVC (H.264), Tivo, WTV (single channel)

Output: DV-AVI, Windows AVI, MPEG-1, MPEG-2, H.264 (.mp4), H.264 (.m2ts), MPEG-4, QuickTime, RealVideo, WMV.



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Version Comparison

	Features & Version	7	8
Usability	Adjustable workspace	✓	Improved
	Media library management	✓	Improved
	Capture-to-produce workflow	✓	✓
	Snap-to-grid for PiP designer	—	✓
Open Editing Resources	Export Editing Map	—	✓
	Customizable Templates & Effects	✓	✓
	Royalty Free Audio - Freesound	✓	✓
	Royalty Free Images - Flickr	✓	✓
Design Tools & Styling	Particle effects	—	✓
	Disc menus	✓	Improved
	PIPs	✓	✓
	Titles	✓	✓
	Photo slideshows	7 Styles	8 Styles
	Editable slideshows	1 Style	4 Styles
	Soundtracks (Magic Music)	✓	✓
	Subtitles/Captions	✓	✓
	Special effects and transitions	✓	More
	Auto cut video length	✓	✓
Auto Fixing Tools	Remove video noise	—	✓
	Adjust lighting & colors	✓	✓
	Video Stabilizer	✓	✓

	Features & Version	7	8
Publishing Options	Author to Blu-ray Disc	✓	✓
	Author to DVD	✓	✓
	Upload video files to YouTube	✓	✓
	Upload video files to YouTube in HD	—	✓
	Upload video files to Facebook	—	✓
	Custom profile to fit user's needs	✓	✓
	Write back to HD camcorder	✓	✓
	Advanced Editing tools	Multi-track time line	6 Tracks
Dedicated Audio tracks		2 Tracks	4 Tracks
Copy & Paste track content		—	✓
Power Tools (reverse, cropping)		—	✓
Frame-Level Trimming		✓	Improved
CPU/GPU Optimization	Timeline Range Selection	—	✓
	Intel Core i7 Support	✓	✓
	NVIDIA CUDA Acceleration Support	✓	✓
	ATI Stream Acceleration Support	✓	✓
	Shutdown computer when file conversion is done	—	✓

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SYSTEM REQUIREMENTS

Operating System:

- Windows 7/Vista/XP (Windows XP Service Pack 2 is required for HDV capture)

Screen Resolution:

- 1024 x 768, 16-bit color or above

Memory:

- 512 MB required (2 GB DDR2 above recommended for editing HD videos)

Hard Disk Space:

- 5 GB minimum
- 10 GB (20 GB recommended) for DVD production
- 60 GB (100 GB recommended) for Blu-ray Disc production

CPU

CyberLink PowerDirector 8 is optimized for CPU with MMX/SSE/SSE2/3DNow!/3DNow!Extension/HyperThreading technology

- AVI Capture/Production: Pentium 2 450 MHz or AMD Athlon 500 MHz
- VCD Quality (MPEG-1) Profiles: Pentium 3 600 MHz or AMD Athlon 700 MHz
- DVD Quality (MPEG-2) Profiles: Pentium 4 2.2 GHz or AMD Athlon XP 2200+
- High Quality MPEG-4 and WMV, QuickTime, RealVideo Profiles: Pentium4 2.4 Ghz or AMD Athlon XP 2400+
- AVCHD and MPEG-2 HD Profiles: Pentium Core 2 Duo E6400 or Athlon 64 X2 5000+
- Intel Core i7 optimized

VGA

For Optimized Video Effects Rendering:

- NVIDIA GeForce and GeForce Mobile
- NVIDIA Quadro and Quadro Mobile
- NVIDIA Tesla
- ATI Stream

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SYSTEM REQUIREMENTS

Burning Devices:

- A Blu-ray Disc recordable drive is required to burn Blu-ray Discs
- A DVD burner (DVD+R/RW or DVD-R/RW) is required to burn DVD/AVCHD titles
- A CD (CD-R/RW) is required to burn VCD/SVCD titles

Microphone:

- A microphone is required for recording voice-overs.

Internet:

- An internet connection is required to access online services.

Note: Please consult the CyberLink web site www.cyberlink.com for the most up-to-date system requirement information.

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