

Information

PENTAX

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PENTAX K-5

The flagship model of the PENTAX K digital SLR camera series offers high-quality images and user-friendly operation to satisfy the demands of advanced photographers



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PENTAX Canada Inc. is pleased to announce the introduction of the PENTAX K-5 digital SLR camera. The K-5 comes equipped with a host of advanced photographic tools for the easy creation of diversified visual expressions, while demonstrating much higher standards of image quality, data processing speed and operability than previous models.

Developed using the highly acclaimed PENTAX K-7 as its base, the K-5 inherits the exceptional reliability, user-friendly operation, array of advanced features and compact, lightweight body of its predecessor, yet is more resourceful and flexible in photographic expression. Coupling a new high-speed, low-noise CMOS image sensor with the high-performance PRIME II imaging engine, it produces super-high-resolution, rich-gradation digital images with approximately 16.28 effective megapixels resolution, even when shooting in the continuous mode at a maximum speed of approximately seven images per second. It also offers an extra-wide sensitivity range between ISO 80 and ISO 51200 (when expanded via a custom function) and Full HD-proportion movie recording at 1920 x 1080 pixels. With a much faster autofocus speed, an upgraded HDR (High Dynamic Range) function that is now usable in handheld shooting, and better operability through an overall review of the design and shape of all components, the K-5 is designed to be more functional and maneuverable in every detail, and more capable of responding to the discriminating demands of advanced photographers.

The K-5 will be available in Canada October 2010.

Major Features

1. High-resolution, low-noise, true-to-life image reproduction

The K-5 incorporates a newly designed CMOS image sensor with a wide image-sensitive area measuring 23.7mm by 15.7mm. It assures high-speed image data readout, much faster than that of previous sensors. By coupling this image sensor, equivalent in performance and data processing speed to the image sensor incorporated in the PENTAX 645D medium-format digital camera, with the reliable PRIME (PENTAX Real Image Engine) II imaging engine, the K-5 produces super-high-resolution, rich-gradation digital images with approximately 16.28 effective megapixels resolution, while suppressing annoying digital noise to a minimum. The K-5 also offers a wide sensitivity range between ISO 100 and ISO 12800. This range can be expanded by the user from ISO 80 to ISO 51200 via a custom function, to accommodate applications such as open-aperture shooting using a large-aperture lens, and indoor and nighttime shooting with only available light.

2. High-speed continuous shooting at approximately seven images per second

The K-5's high-speed continuous shooting mode records as many as 22 images (in JPEG format), 8 images (in 14 bit RAW PEF or DNG format) in a single sequence at a maximum speed of approximately seven images per second, allowing the photographer to preserve sharp, crisp images of active, fast-moving subjects with great ease.

3. Responsive, high-precision AF system

The K-5 features a new-generation, wide-frame SAFOX IX+ autofocus system with 11 sensor points (with nine cross-type sensors positioned in the middle). This sophisticated AF system has completely redesigned optics and uses the light source in its calculations to improve the accuracy of autofocus operation. It also offers a choice of shutter-release options — between focus priority and release priority in the AF.S (single) advance mode, or between focus priority and speed priority in the AF.C (continuous) advance mode — allowing the photographer to choose the best option for their subject. The K-5 is also equipped with a spotbeam projector to assist the AF system in poorly lit locations.

4. Compact, solid, functional camera body

Despite its compact dimensions, the K-5 is built to be exceptionally solid and durable, with a body made of sturdy, yet lightweight magnesium alloy, and a chassis of highly rigid cold rolled stainless steel. Thanks to the inclusion of 77 special seals in the body, it also boasts a dustproof, weather-resistant and cold-resistant construction, assuring reliable operation, even in harsh environments and at temperatures as low as -10°C. It also features a reliable shutter unit that provides a top shutter speed of 1/8000 second and durability to withstand over 100,000 shutter releases.

5. Bright, clear optical viewfinder with 100% field of view

The K-5 features a pentaprism finder with nearly 100% field of view and at approximately 0.92-times magnification (with a 50mm F1.4 lens at infinity) to provide a better view of the image field and improve the accuracy and speed of focusing and image composition. It also comes with the renowned Natural-Bright-Matte focusing screen to assist with manual-focus operation. The K-5's bright, clear viewfinder assures greater visibility in outdoor shooting, especially when using a telephoto lens, allowing the photographer to better concentrate on the subject and image composition.

6. Effortless Live View shooting

Thanks to a new image sensor and a more sophisticated algorithm, the K-5's Contrast AF mode assures better performance and greater focusing speed than before during Live View shooting.

With the addition of a Golden Section display, the K-5 offers a choice of three different grid patterns to facilitate image composition.

7. PENTAX-original SR mechanism with user-assisting options

The K-5 features the PENTAX-developed SR (Shake Reduction) mechanism, which effectively compensates the adverse effect of camera shake by approximately 2.5 to 4 shutter steps, to produce sharp, blur-free images. This innovative mechanism works with almost all PENTAX interchangeable lenses — even those designed for film-format cameras.* Thanks to the SR mechanism's flexible design, which tilts the image sensor unit in all directions, the K-5 offers several useful features to assist the photographer during shooting. These include an auto level compensation function to assure high-precision framing and effortless adjustment of horizontal alignment, and an image-composition fine-adjustment function to compensate for the camera's position during tripod shooting — vertically, horizontally, and rotation of the image.

** Lenses compatible with this mechanism: PENTAX K-, K_A-, K_{AF}-, K_{AF2}- and K_{AF3}-mount lenses; screw-mounted lenses (with an adapter); and 645- and 67-system lenses (with an adapter). Some functions may not be available with certain lenses.*

8. Recording of Full HD-proportion movies (1920 x 1080 pixels, 25 frames per second)

The K-5 captures beautiful, true-to-life movie clips in 16:9 Full HD proportions (1920 x 1080 pixels) at a frame rate of 25 frames per second.** This extends many of the benefits of high-quality SLR photography to the world of movie shooting. For instance, users can reduce the depth of field to make a subject stand out, or use different interchangeable lenses to create distinctive visual effects. The K-5 also provides greater possibilities in visual presentation in movies***, especially through the application of custom image styles and digital filters. Still images can be extracted from the movie in camera.

*** Movie recording may be terminated when a memory card with low transfer rate is used in the K-5.*

**** The number of frames may vary when in certain image processing modes..*

9. Innovative image-processing functions to produce distinctive photographic expressions

(i) Custom image function for distinctive finishing touches

The K-5 features the custom image function, which allows the user to easily select the desired finishing touch for a particular image in order to faithfully express their creative intention. The K-5 offers a choice of nine custom image modes, including Bleach Bypass, which is designed to create a dramatic visual effect used in motion pictures. In addition to the conventional Sharpness and Fine Sharpness modes, the K-5 also offers a new Extra Sharpness mode, which is designed to place extra emphasis on the outline of even the most minute details of the images to enhance its resolution.

(ii) Versatile digital filter function

The K-5's digital filter function allows the user to process recorded images in a variety of creative ways and produce highly individualized visual expressions without requiring a computer. The user not only has a choice of 18 different filters, including the newly added Sketch and Posterization, but can also apply different filters one after another to a single image to create more inventive visual effects.

(iii) Cross process mode with three options

The K-5 features the unique cross process mode, in which the camera automatically shifts photographic parameters for each exposure to create eye-catching images with unique, dramatic colours — just like pictures treated with the cross process**** in film photography. In addition to Random, where the results are unpredictable until the image has been processed, the user also has two other options: Preset, with three different sets of preset parameters; and Favorite, with user-selected parameters.

***** A film development technique that uses unconventional film development to create a distinctive finish with dramatic, stylized colours.*

(iv) HDR (High Dynamic Range) function

The K-5 features the HDR (high dynamic range) function to create one composite image with an extra-wide gradation range from three images (normal exposure, +3 EV and -3 EV), without requiring a computer. It offers a choice of auto, standard and expanded (at three levels) modes to accommodate different creative effects. Thanks to the addition of an automatic composition correction function, the user can now take advantage of this creative tool even with handheld shooting.

(v) In Camera RAW processing to JPEG or TIFF format images

The K-5 features in-camera RAW processing to JPEG or TIFF-format images with full adjustment of image parameters such as custom picture style, white balance, sensitivity, high ISO noise reduction, lens distortion and colour space.

10. Other features

- (1) Electronic level function, with a newly added dual axis capability
- (2) Long-exposure NR (Noise Reduction) function, with a choice of Auto, On and Off modes
- (3) High-sensitivity NR (Noise Reduction) function, with a camera-dependent Auto mode and user-adjustable reduction strength preset for each ISO setting
- (4) RAW/Fx button, for single-action switching of image file format, as well as for assignment and instant recall of a specific function
- (5) Large, easy-to-view 3.0-inch wide-view colour LCD monitor with approximately 921,000 dots
- (6) 77-segment multi-pattern metering system using the colour of the light for extremely accurate light measurement
- (7) DR II (Dust Removal II) mechanism, to shake dust off the CMOS image sensor as effectively as any other dust removal system coupled with the PENTAX exclusive DUST ALERT to check for dust on the sensor you can ensure dust free photography
- (8) Long battery life, for approximately 980 images on one charge *****
- (9) User-friendly Hyper control system, to accurately respond to the photographer's creative intentions in both Program and Manual modes
- (10) Dynamic-range expansion function, to compensate for both washed out (overexposed) and blocked up (underexposed) areas
- (11) Automatic compensation of distortion and lateral chromatic aberration (available only with DA-, D FA- and FA Limited-series lenses)
- (12) CTE mode, to automatically adjust the white-balance level to emphasize primary colours of sunset scenes and other outdoor scenes
- (13) Attachment of copyright credits on recorded images for both the copyright holder and photographer
- (14) D-BG4 Battery Grip (optional accessory) for extra power supply with an exclusive rechargeable lithium-ion battery or six AA-size batteries using the two included battery holders
- (15) Built-in retractable P-TTL flash with wireless flash control capability
- (16) Unique PENTAX Sv and TAv exposure modes
- (17) Colour-specific control buttons/dials for easy recognition and quick access, based on the universal colour design
- (18) PENTAX Digital Camera Utility 4 software package, including a RAW-data processing and browser application (based on the popular SILKYPIX RAW-data processing engine developed by Ichikawa Soft Laboratory) and a browser application

***** *Under testing conditions prescribed by PENTAX, when using a rechargeable D-LI90 lithium-ion battery with no flash discharges.*

PENTAX Canada Inc. is a wholly owned subsidiary of HOYA CORPORATION PENTAX Imaging Systems Division of Japan and maintains offices in Mississauga. PENTAX Canada Inc. markets digital SLR and compact cameras, lenses, sport optics, closed circuit television lenses and medical equipment.

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K-5 Specifications

Model Description

Type	TTL autofocus, auto-exposure SLR digital-still camera with built-in retractable P-TTL flash
Lens Mount	PENTAX K _{AF2} bayonet mount (AF coupler, lens information contacts, K-mount with power contacts)
Compatible Lens	K _{AF3} , K _{AF2} (power zoom compatible), K _{AF} , K _A mount lens

Image capture unit

Image Sensor	Primary colour filter, CMOS. Size: 23.7 x 15.7 (mm)
Effective Pixels	Approx 16.28 megapixels
Total Pixels	Approx 16.93 megapixels
Dust Removal	Image sensor cleaning using ultrasonic vibrations "DR II" with the Dust Alert function
Sensitivity (Standard output)	AUTO/100 to 12800 (EV steps can be set to 1EV, 1/2EV, or 1/3EV), expandable from ISO 80 up to ISO 51200. Up to ISO 1600 in Bulb mode.

Motion blur compensation

Type/construction	PENTAX SR free-floating CMOS image sensor shift
Effective Compensation Range	Up to 4EV (depending on the used lens type and shooting conditions)

File formats

File format	RAW (PEF/DNG), JPEG (Exif 2.21), DCF2.0 compliant
Recorded Pixels	JPEG: 16M (4928x3264 pixels), 10M (3936x2624 pixels), 6M (3072x2048 pixels), 2M (1728x1152 pixels) RAW: 16M (4928x3264 pixels)
Quality Level	RAW (14bit): PEF, DNG JPEG: ★★★★★ (Premium), ★★★ (Best), ★★ (Better), ★ (Good), RAW + JPEG simultaneous capturing available
Colour Space	sRGB, AdobeRGB
Storage Medium	SD/SDHC Memory Card
Record Folder	Date (100_1018,101_1019...) / PENTX (100PENTX, 101PENTX...)

Viewfinder

Type	Pentaprism Finder
Coverage (FOV)	Approx. 100%
Magnification	Approx. 0.92x (50mmF1.4 at infinity)
Converted Viewfinder Magnification	0.61
Eye-Relief Length	Approx. 21.7mm (from the view window), Approx 24.5mm (from the center of lens)
Dioptr adjustment	Approx. -2.5m to + 1.5m ⁻¹
Focusing Screen	Interchangeable Natural-Bright-Matte II focusing screen

Live view

Type	TTL method using CMOS image sensor
Focusing Mechanism	Contrast detection + Face detection / Contrast detection / Phase matching
Display	Field of View approx. 100%, Magnified view (AF mode: 2x, 4x, 6x / MF mode: 2x, 4x, 6x, 8x, 10x), Grid display (4x4 Grid, Golden Section, Scale display), Bright/dark area warning, Histogram

LCD monitor

Type	Wide viewing angle TFT colour LCD with AR coating
Size	3.0 inch
Dots	Approx. 921,000 dots
Adjustment	Brightness and colours adjustable

Preview

Type	Optical preview, digital preview
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White Balance

Auto	Method using a combination of the CMOS image sensor and the light source detection sensor
Preset	Daylight, Shade, Cloudy, Fluorescent Light (D:Daylight Colour, N:Daylight White, W:Cool White, L:Warm White), Tungsten Light, Flash, CTE, Manual, Colour Temperature

Manual	Configuration using the display screen (up to 3 settings can be saved), Colour Temperature settings (up to 3 settings can be saved), Copying the white balance setting of a captured image
Fine Adjustment	Adjustable ± 7 steps on A-B axis or G-M axis

Autofocus System

Type	TTL: phase-matching autofocus
Focus Sensor	SAFOX IX+, 11 point (9 cross type focus points in the center)
Brightness Range	EV-1 to 18 (ISO 100)
AF mode	Single AF (AF.S), Continuous AF (AF.C) Focus priority or shutter priority mode for AF.S Focus priority or FPS priority mode for AF.C
AF Point Selection	Auto: 5 points, Auto: 11 points, Select, Center
AF Assist Light	Dedicated LED AF assist light

Metering

Type	TTL open aperture, 77 segmented metering, center-weighted and spot metering
Exposure Compensation	EV0 to 22 (ISO100 at 50mm F1.4)
Exposure Mode	Green, Program, Sensitivity Priority, Shutter Priority, Aperture Priority, Shutter & Aperture Priority, Manual, Bulb, Flash X-sync Speed
EV Compensation	± 5 EV (1/2EV steps or 1/3EV steps can be selected)
AE Lock	Button type (timer type: two times the meter operating time set in Custom Setting); Continuous as long as the shutter button is halfway pressed

Shutter

Type	Electronically controlled vertical-run focal plane shutter
Shutter Speed	Auto: 1/8000 to 30 sec., Manual: 1/8000 to 30 sec. (1/3EV steps or 1/2EV steps), Bulb

Drive modes

Mode Selection	Single frame, Continuous (Hi, Lo), Self-timer (12s, 2s), Remote Control (immediately, 3 sec., continuous), Auto Bracketing (2, 3 or 5 frames), Auto Bracketing + Self-timer, Auto Bracketing + Remote Control, Mirror-up, Mirror-up + Remote Control
Continuous Shooting	Max. 7.0 fps, JPEG (16M: ★★★ at Continuous Hi): up to 22 frames, RAW: up to 8 frames Max. 2.0 fps, JPEG (16M: ★★★ at Continuous Lo): until SD Memory Card is full, RAW: up to 12 frames

Built-in Flash

Type	Built-in P-TTL flash with pop-up, GN: approx. 13 (ISO100/m) Angle of view: equivalent to angle of view of 28mm lens (35mm format equivalent)
Flash Mode	P-TTL, Red-eye Reduction, Slow-speed Sync, Trailing Curtain Sync. High-Speed Sync and Wireless Sync are also available with PENTAX dedicated external flash.
Sync Speed	1/180 sec.
Flash Exposure Compensation	-2.0 to + 1.0EV

Capture Setting

Custom Image	Bright, Natural, Portrait, Landscape, Vibrant, Muted, Monochrome, Reversal Film, Bleach Bypass
Noise Reduction	Slow Shutter Speed NR, High-ISO NR
Dynamic Range compensation	Highlight Correction, Shadow Correction
Lens Correction	Distortion Correction, Lateral Chromatic Aberration Correction
Cross Processing	Random, Preset 1-3, Favorite 1-3
Digital Filter	Toy Camera, Retro, High Contrast, Extract Colour, Soft, Starburst, Fish-eye, Custom Filter
HDR	Auto, Standard, Strong 1, Strong 2, Strong 3, Automatic composition correction function
Multi-exposure	Select number of shots between 2 to 9. Auto EV adjustment available.
Horizon Correction	SR On: correction up to 1 degrees, SR Off: correction up to 2 degrees
Composition Adjustment	Adjustment range of ± 1.5 mm up, down, left or right (1mm when rotated); rotating range of 1 degree
Extended Bracketing	White Balance, Saturation, hue, high/low key adjustment, contrast and sharpness bracketing
Interval Shooting	Capture Interval setting (1 sec. to 24 hours), Start Interval setting (Immediate, designated time), Captures up to 999 images
Electronic Level	Displayed in viewfinder (horizontal direction only); displayed on LCD monitor (horizontal direction and vertical direction)

Movie

File Format	Motion JPEG (AVI)
Recorded Pixels	Full HD (1920x1080, 16:9, 25 fps), HD (1280x720, 16:9, 30 fps/25 fps), VGA (640x480, 4:3, 30 fps/25 fps)
Quality Level	★★★ (Best), ★★ (Better), ★ (Good)
Sound	Built-in monaural microphone, external stereo microphone terminal
Recording Time	Up to 25 minutes; automatically stops recording if the internal temperature of the camera becomes high.
Custom Images	Bright, Natural, Portrait, Landscape, Vibrant, Muted, Monochrome, Reversal Film, Bleach Bypass
Cross Processing	Random, Preset 1-3, Favorite 1-3.
Digital Filter	Toy Camera, Retro, High contrast, Extract Colour, Colour

Playback

Playback View	Single frame, Image comparison, multi-image display (4, 9, 16, 36, 81 segmentation), display magnification (up to 32x, scrolling and quick magnification available), rotating, histogram (Y histogram, RGB histogram), bright/dark area warning, detailed information display, copyright information display (photographer, copyright holder), folder display, calendar display, slideshow
Delete	Delete single image, delete all, select & delete, delete folder, delete instant review image
Digital Filter	Toy Camera, Monochrome, Retro, Colour, High Contrast, Soft, Extract Colour, Starburst, Sketch Filter, Water Colour, Fish-eye, Pastel, Slim, Miniature, HDR, Posterization, Base Parameter Adjustment, Custom Filter
RAW Development	File Format (JPEG/TIFF), Custom Image, White Balance, Sensitivity, High-ISO NR, Shadow Correction, Distortion Correction, Lateral Chromatic Aberration Correction, Colour Space
Edit	Resize, Cropping (Aspect ratio and Slant adjustment available), Index, Movie Edit (Divide or delete selected frames), Capturing a JPEG still picture from a movie

Customization

USER Mode	Up to 5 settings can be saved
Custom Functions	27 items
Mode Memory	13 items
Custom Button	RAW/Fx Button (One Push File Format, Exposure Bracketing, Digital Preview, Electronic Level, Composition Adjustment), AF button (Enable AF, Cancel AF) Various settings for the action of the e-dials in each exposure mode can also be saved.
Text Size	Standard, Large
World Time	World Time settings for 75 cities (28 time zones)
Language	English, French, German, Spanish, Portuguese, Italian, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Korean, Chinese (Traditional/Simplified), Japanese
AF fine Adjustment	±10 step, Uniform adjustment, Individual adjustment for lens models (up to 20 can be saved)
Copyright Information	Named of "Photographer" and "Copyright Holder" are embedded to the image file. Revision history can be checked using the provided software.

Power supply

Battery Type	Rechargeable Lithium-Ion Battery D-LI90
AC Adapter	AC Adapter Kit K-AC50 (Optional)
Battery Life	Number of recordable images: (with 50% flash usage): approx. 740 images, (without flash usage): approx: 980 images Playback time: Approx. 440 minutes * Tested in compliance with CIPA standard. Actual results may vary depending on the shooting conditions/circumstances.

Interfaces

Connection Port	USB2.0 (high-speed compatible) / AV output terminal, external power supply terminal, external release controller terminal, X-synch socket, HDMI Type C output terminal, stereo microphone input terminal
USB Connection	MSC / PTP
Video Output Format	NTSC / PAL

Dimensions and Weight

Dimensions	Approx. 131mm (W) x 97mm (H) x 73mm (D) (excluding protrusions)
Weight	Approx. 740g (Including dedicated battery and SD Memory Card), Approx. 660g (body only)

K-5 Specifications

Storage capacity

<Still>

Recorded Pixels	RAW		JPEG															
	PEF	DNG	16M (4928×3264)				10M (3936×2624)				6M (3072×2048)				2M (1728×1152)			
Quality Level			★★★★	★★★	★★	★	★★★★	★★★	★★	★	★★★★	★★★	★★	★	★★★★	★★★	★★	★
128MB	3	3	8	13	24	47	13	21	37	73	21	34	60	116	66	104	177	325
256MB	7	7	16	26	47	92	25	41	72	142	42	67	118	227	130	203	346	634
512MB	14	14	32	52	93	184	51	81	144	282	83	133	234	450	258	402	686	1258
1GB	28	28	65	105	186	368	102	163	289	564	167	267	468	902	516	805	1373	2518
2GB	58	58	134	214	379	749	208	332	585	1138	339	543	945	1807	1041	1617	2793	5121
4GB	114	114	263	421	744	1471	409	652	1149	2234	666	1068	1856	3549	2045	3176	5485	10057
6GB	174	173	400	641	1132	2237	622	991	1747	3398	1013	1623	2823	5397	3110	4829	8341	15292
8GB	233	232	536	858	1516	2995	832	1327	2339	4548	1356	2173	3778	7224	4162	6463	11164	20468
12GB	352	351	808	1295	2286	4518	1255	2002	3528	6860	2046	3278	5699	10896	6279	9749	16840	30873
16GB	470	468	1079	1727	3050	6026	1675	2671	4706	9151	2730	4373	7602	14535	8376	13005	22463	41182
32GB	943	939	2164	3466	6119	12089	3360	5358	9441	18358	5477	8772	15251	29157	16802	26088	45061	82612

shots

<Movie>

Recorded Pixels	Full HD (16 : 9) 25 fps (1920×1080)			HD (16:9) 30 fps (1280×720)			HD (16:9) 25 fps (1280×720)			VGA (4:3) 30 fps (640×480)			VGA (4:3) 25 fps (640×480)		
	★★★★	★★★	★	★★★★	★★★	★	★★★★	★★★	★	★★★★	★★★	★	★★★★	★★★	★
128MB	00:00:10	00:00:13	00:00:18	00:00:16	00:00:25	00:00:35	00:00:19	00:00:30	00:00:42	00:00:48	00:01:13	00:01:41	00:00:58	00:01:27	00:02:00
256MB	00:00:20	00:00:26	00:00:36	00:00:32	00:00:49	00:01:08	00:00:38	00:00:59	00:01:22	00:01:35	00:02:23	00:03:17	00:01:57	00:02:51	00:03:54
512MB	00:00:39	00:00:52	00:01:12	00:01:03	00:01:38	00:02:16	00:01:16	00:01:57	00:02:43	00:03:08	00:04:44	00:06:32	00:03:45	00:05:39	00:07:44
1GB	00:01:19	00:01:44	00:02:25	00:02:08	00:03:16	00:04:33	00:02:33	00:03:54	00:05:26	00:06:17	00:09:30	00:13:04	00:07:31	00:11:19	00:15:29
2GB	00:02:41	00:03:32	00:04:56	00:04:20	00:06:39	00:09:13	00:05:11	00:07:56	00:11:00	00:12:48	00:19:19	00:26:15	00:15:17	00:22:45	00:31:02
4GB	00:05:17	00:06:57	00:09:43	00:08:31	00:13:03	00:18:07	00:10:12	00:15:35	00:21:37	00:25:08	00:37:57	00:51:34	00:30:01	00:44:41	01:00:57
6GB	00:08:02	00:10:34	00:14:46	00:12:57	00:19:51	00:27:33	00:15:31	00:23:42	00:32:53	00:38:13	00:57:42	01:18:25	00:45:38	01:07:57	01:32:40
8GB	00:10:46	00:14:09	00:19:46	00:17:20	00:26:34	00:36:52	00:20:46	00:31:44	00:44:01	00:51:10	01:17:14	01:44:57	01:01:05	01:30:58	02:04:02
12GB	00:16:14	00:21:21	00:29:49	00:26:09	00:40:05	00:55:37	00:31:20	00:47:51	01:06:23	01:17:11	01:56:30	02:38:19	01:32:09	02:17:12	03:07:06
16GB	00:21:40	00:28:30	00:39:47	00:34:54	00:53:29	01:14:12	00:41:48	01:03:50	01:28:33	01:42:57	02:35:24	03:31:11	02:02:56	03:03:02	04:09:35
32GB	00:43:28	00:57:10	01:19:49	01:10:00	01:47:17	02:28:51	01:23:52	02:08:04	02:57:39	03:26:31	05:11:44	07:03:39	04:06:36	06:07:09	08:20:40

hh:mm:ss

The maximum file size is 4GB for movie.

The maximum length is 25 minutes for movie.