SURPASS

3 WAY SHOOTING
enhanced by Dual Pixel CMOS AF

EOS 70D
Every new day presents a variety of unique moments waiting to be captured, and with 3-way shooting the possibilities are endless. Canon presents the new EOS 70D, a perfect balance of optical performance and imaging efficiency, creative intelligence and expressive emotion.

The EOS 70D is pure consistency in photographic quality with its 20.2-megapixel APS-C sized CMOS sensor, DIGIC 5+ image processor and even more advanced features. For versatile everyday shooting with brilliant image quality, the extraordinary EOS 70D is your calling to surpass conventional shooting, and seek the fantastic in the everyday.
**FAST & ACCURATE FOCUSING OVER WIDE AF AREA IN LIVE VIEW SHOOTING**

Live View shooting expands shooting possibilities on the EOS 70D with quick and accurate AF performance over a wide area. The Vari- Angle LCD monitor with touch panel allows you to explore various creative shooting angles and framing options. Selection of AF point also becomes intuitive with the touch shutter function, and continuous AF further improves tracking of moving subjects.

**EXCEPTIONAL TRACKING & SILENT AF IN MOVIE SERVO AF WITH STM LENS**

Dual Pixel CMOS AF technology further improves focusing operation for superior AF performance during Live View shooting in Movie Servo AF when recording videos. Paired with STM lenses, high-speed focusing is achieved, even when shooting moving subjects. STM lenses also deliver smoother and silent AF that is perfect for movie recording, especially in quiet environments.

**SMOOTH & ACCURATE AF WITH STM TECHNOLOGY**

The Stepping Motor (STM) lenses work extremely well with the latest Dual Pixel CMOS AF technology on the EOS 70D’s sensor. In Live View mode, experience incredibly fast and accurate AF during still photography. When paired with the camera’s Movie Servo AF for movie recording, the STM lenses deliver outstandingly smooth and silent continuous AF for that perfect video capture.

**VARIA-ANGLE 3.0-INCH CLEAR VIEW LCD II WITH TOUCH PANEL**

Never miss out on the tiniest details with the EOS 70D’s 3.0-inch Clear View LCD II monitor fortified by an approximately 1.04 million dot-resolution, viewing angle of 160˚ and faithful color reproduction. Explore various perspectives and shoot at low or high angles by simply twisting and tilting the Vari-Angle LCD monitor. The monitor’s side opening makes it easy to shoot even on a tripod, with a battery grip attached or in vertical position. The built-in Touch Panel further makes Live View shooting intuitive with simple touch operations such as swiping, pinching to zoom, and touch to capture.
Super stable and high-speed autofocusing on the EOS 70D is assured by its 19-Point All Cross-Type AF sensor performing cross-type focusing at a maximum aperture of f/5.6. The center AF point is both horizontal-line and vertical-line sensitive for high-precision focusing at f/2.8, thus enabling minute focus detection.

The 19 AF points are spread over a wide area for accurate tracking of moving subjects and easy shooting in horizontal or vertical positions. An improved algorithm ensures a more stable and precise AI Servo AF II performance with adjustable parameters of tracking sensitivity and acceleration/deceleration tracking.

Compose and capture with crystal clarity on the EOS 70D’s intelligent optical viewfinder, which offers 98% coverage, 27.9˚ angle of view and 0.95x magnification. Information such as AF point selection mode, and electronic level, AF display and various shooting alerts are shown clearly and can be checked with a quick glance.

Shoot fast-moving subjects and non-stop actions fearlessly with a high-speed continuous shooting speed of 7fps. Made possible by an 8-channel readout from its CMOS sensor and a two-motor system, the EOS 70D ensures that you never miss a decisive shot.

Besides capturing action moments, you can also choose the best from a single burst of multiple shots. The EOS 70D shoots continuously at maximum burst of approximately 16 shots for Large/Fine JPEG (65 in UHS-I SD Card) and 15 shots for RAW images (14 in UW-1 SD Card).
Extend your EOS 70D’s shooting capability with the EOS Remote app, which allows remote control of the camera. You will be able to browse, rate, or delete images in the camera, and transfer JPEG images from the camera to your smartphone or tablet PC.

The EOS Remote app also makes it possible to shoot from a distance away using your smartphone or tablet PC to act as the camera’s Live View display. Just set up your EOS 70D in a desired spot and you can focus, compose, adjust settings, and remotely release the shutter all without being at the camera.

**Easy Remote Shooting with EOS Remote App**

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**Remote Live View Shooting**

Those picture-perfect moments are made for sharing, and the EOS 70D makes it easy for you to share your images. You can simply transfer JPEG images and compatible movie files between two Canon cameras via built-in wireless LAN, and also move JPEG images captured with the EOS 70D before transferring.

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**EOS Utility**

The EOS Utility software comes with functions that improve your workflow and extend shooting capabilities. Remote Live View capture is a function where the EOS 70D is controlled remotely as a computer via a wireless LAN connection. You will be able to adjust camera settings, compose, and check focus in real-time, and remotely release the shutter.

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**Cable-Free Convenience**

A cable-free and fuss-free advantage, the EOS 70D is enabled for printing images from a compatible Wi-Fi printer* that supports PictBridge (PJP over IP) without the need for a computer. This wireless advantage also extends to playback and viewing of JPEG images on DLNA-certified media players such as televisions.

*The printer would need to be in either infrastructure mode or camera access point mode.

**Social Networking Features**

So beyond image-sharing between cameras and use your EOS 70D to upload JPEG images and videos to an account on CANON iMAGE GATEWAY (CiG)*. Through CiG, you can also upload images and videos from your EOS 70D to social networking sites such as Facebook, YouTube, Flickr, and Twitter.

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AN ASSERTIVE PERFORMANCE

NEWLY DEVELOPED FOR THE EOS 70D, ITS 20.2-MEGAPIXEL APS-C SIZED CMOS SENSOR FEATURES WIDE-RANGING ISO SPEEDS, EXPANDED DYNAMIC RANGE, GREATER NOISE REDUCTION LEVELS, AND COMPATIBILITY WITH DUAL PIXEL CMOS AF TECHNOLOGY. IMAGES AND VIDEOS ARE DELIVERED WITH MINIMAL NOISE, NATURAL TONAL GRADATION, AND VIVID COLORS EVEN AT HIGH ISO LEVELS.

DIGIC 5+ IMAGE PROCESSOR TO POWER YOUR VISION

THE DIGIC 5+ IMAGE PROCESSOR IS THE FORCE BEHIND THE EOS 70D’S RESPONSIVE SHOOTING AND IMAGING APTITUDE, WHILE WORKING TOGETHER WITH THE CMOS SENSOR. IT DRIVES ADVANCED FEATURES SUCH AS A WIDE ISO RANGE OF ISO 100–ISO 12800, HIGH-SPEED CONTINUOUS SHOOTING OF 7FPS, MULTIPLE EXPOSURE MODE AND HIGH DYNAMIC RANGE MODE.

SOPHISTCATED iFCL 63-ZONE DUAL-LAYER METERING SYSTEM

THE INTELLIGENT FOCUS COLOR LUMINANCE (IFC) 63-ZONE DUAL-LAYER METERING SYSTEM IS GEARED FOR ALL 19 AF POINTS ON THE AF SENSOR. METERING AREA IS DIVIDED INTO 63 ZONES FOR EVEN AND BALANCED EXPOSURE. TO PREVENT UNDEREXPOSURE WHEN SHOOTING Saturated RED SUBJECTS, THE DUAL-LEGER SENSOR MEASURES LIGHT AT SEPARATE RED-GREEN WAVELENGTHS AND BLUE-GREEN WAVELENGTHS.

SEE DIFFERENTLY WITH MULTI-ASPECT SHOOTING

YOU NEED NOT CROP IMAGES IN POST-PROCESSING BY SIMPLY USING THE MULTI-ASPECT SHOOTING FUNCTION. ON THE EOS 70D, USING EITHER THE VIEWFINDER OR LIVE VIEW, SHOOT IN RATIOS OF 4:3, 1:1, 16:9 OR 3:2. MULTI-ASPECT RATIOS CAN HELP TO EMPHASIZE A PARTICULAR SUBJECT OR BETTER SUIT THE COMPOSITION OF THE SCENE, FOR AN EXAMPLE, USING A RATIO OF 16:9 FOR LANDSCAPES.

ISO 100–12800 RANGE CAPTURES EXPRESSIVE DETAILS

DAY AND NIGHT, STILL OR MOVING SUBJECTS, ARTIFICIAL OR NATURAL LIGHT – CAPTURE YOUR VISION WITHOUT LOSS OF DETAIL. THE EOS 70D’S EXTENSIVE SHOOTING SITUATION IS MATCHED WITH ITS STANDARD UNIQUITY OF ISO 100–ISO 12800, EXPANDABLE TO 25600. IN ISO AUTO FOR MOVIE-SHOOTING, A RANGE OF ISO 100–6400 IS SUFFICIENT AND CAN BE MANUALLY EXTENDED TO 12800.

SHOOTING WITH EOS MOVIE

RECORD EVERYDAY MOMENTS ON YOUR EOS 70D IN FULL HD VIDEO AT 1920 x 1080, AND WITH MINIMAL NOISE EFFECT EVEN AT HIGH ISO LEVELS. YOU ARE EVENABLE TO MAGNIFY THE IMAGE FROM 3X UP TO 10X USING MOVIE DIGITAL ZOOM.

DUAL PIXEL CMOS AF DRIVES AF PERFORMANCE TO ACHIEVE SMOOTH TRACKING AND ACCURATE MOVIE SHOOTING. WITH MOVIE AF MODE, YOU CAN MANUALLY ADJUST THE FOCUS WHILE MOVING SUBJECTS.

EXCITING STORIES WITH VIDEO SNAPSHOT

FOR Dynamic movie directors, put together a compilation of short videos using the Video Snapshot feature. Begin by shooting a video clip of 2, 4 or 8 seconds duration, and save these clips as a Movie Snapshot Album. When you’re ready to edit your Video Snapshot Task and after adding, enjoy your movie creation to finish with background music for a complete movie vibe.
In High Dynamic Range mode, three shots are captured at three different exposures. Then these images are merged in-camera for a vivid and finely detailed image result.

TRUE TO VISION HDR MODE

clid Hiroshi

Use Multiple Exposure mode to create a single multiple-exposure image by combining between two to nine images, in either setting of Additive or Average, for a surreal effect on your images.

MULTI SHOT NOISE REDUCTION

Creative Filters can impart greater depth to your images and better express your creativity. The effects can be previewed in real time during Live View shooting before final capture.

Speedlite 320EX

Artistic Flair with Multiple Exposure Mode

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For creative lighting options, the Speedlite 320EX is the ideal flash unit as a wireless slave unit positioned off-camera, and used with the EOS 70D’s built-in Speedlite transmitter. An LED light on the front acts as a video light when shooting movies, a modeling light or AF assist beam during Live View shooting.

SPECIAL SCENE MODE (SCN)

Multi-Shot Noise Reduction captures four shots in succession at a fast shutter speed and combines them in-camera. The final image displays reduced noise, sharper details, and balanced brightness.

A TOUCH OF CREATIVE FILTERS

EF-S18-55mm f/3.5-5.6 IS STM

The new EF-S 18-55mm f/3.5-5.6 IS STM offers high magnification in a compact and lightweight standard zoom lens build with an Optical Image Stabilizer correcting shake for up to an equivalent of 3.5* stops. Its Stepping Motor (STM) mechanism delivers faster, smoother and quieter AF performance in both photo and video capture.

EF-S18-135mm f/3.5-5.6 IS STM

EF-S18-200mm f/3.5-5.6 IS

EF-S55-250mm f/4-5.6 IS STM

The latest EF-S 55-250mm f/4-5.6 IS STM is a lightweight and compact zoom lens with excellent image quality, usability and affordability. It ensures a high image quality for video and digital cinema shooting.

For easier handling during long hours of shooting, the Battery Grip BG-E14 is ergonomically designed to provide photographers with a solid and comfortable grip on the EOS 70D. The Battery Grip BG-E14 ensures extended battery power for high-volume shooting projects by taking in 2 Battery Packs LP-E6 or 6 AA-size batteries.

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NOMENCLATURE OF EOS 70D

SPECIFICATIONS