PUBLIC SECTOR IMAGING SOLUTIONS

September 2025

Canon

CONTENTS

THE CANON GROUP

Canon has been a leading name in imaging for over 80 years and a truly global brand with manufacturing facilities across Japan, the Americas, Europe, Asia and Oceania. The company's imaging technology reaches into areas such as satellite development, medical advancements, smart cities, astronomy and print and industrial equipment.

In addition to class-leading consumer, business and industrial imaging solutions, Canon deploys its expertise as a leading global brand to deliver exceptional after-sales service, either directly or via Canon Group companies.

CANON GROUP COMPANIES

Highly specialist solutions providers are a key part of the Canon Group. These Canon Group Companies are dedicated to delivering leading innovations that complement the Canon system.

Milestone (Aquired 2014)
A world-leading provider of open platform IP video management software (VMS), dedicated to deliver platform software for integration into video solutions for security and beyond.

More information: milestonesys.com

Axis (Aquired 2015)
The market leader in network video and innovator in video surveillance, increasing the security of millions and meeting the need for a smarter, safer world.

More information: axis.com

Arcules (Launched 2017 as Arcus)
A video cloud IoT-as-a-service offering for enterprise businesses. Combining IoT and video data, to reinvent the video surveillance industry thanks to cloud and AI technologies.

More information: arcules.com

BriefCam (Aquired 2018)
The industry's leading provider of Video Synopsis® solutions. BriefCam's technology detects, tracks, extracts and identifies people, objects, their attributes and behaviour from video.

More information: briefcam.com

CANON'S PURPOSE

Behind Canon's over 80-year history lies its corporate DNA: technology and the enterprising spirit that has endured since its foundation. The relentless drive to innovate through technology permeates the company and continues to provide customers with new advances.

With a respect for humanity, encompassing meritocracy and an emphasis on good health, Canon is committed to future generations of growth and technological advances.

USE CASES WITHIN THE PUBLIC SECTOR

As a global leader in imaging, Canon is uniquely positioned to support the varied and challenging use cases within the Public Sector. From promoting news on social media, to forensic evidence gathering and observation, Canon offers the breadth of solutions for compelling, high-quality content.

Canon products and solutions deliver, often in the most arduous conditions, across a range of sectors and each with their own set of challenges.

Media and Content Creation

From news gathering, recruitment, press and PR, to content for social media, sharing content at the speed of light is the norm today. Thanks to Canon products and solutions, capturing the content that delivers the message is easier and faster than ever.

Industry challenges

> Wide range of shooting subjects often in unpredictable situations.
> Difficult weather conditions.
> Instant delivery requirements and safe backup of data.
> Silent shooting to maintain discretion.

The Canon solution

> Huge range of cameras and lenses for any shooting scenario.
> Weather sealed cameras and lenses.
> Ethernet or wireless connectivity via a bespoke app, plus dual card slots.
> Silent shutter built in to mirrorless cameras.
> Bespoke firmware options for highly specialised solutions.

Forensic Photography

Detailed and robust evidence is key to successful forensic imagery, as well as technical imagery for engineering. There is a growing need for 360 and 3D content to support training initiatives, remotely and in person.

Industry challenges

> Capture hard-to-see detail in low light.
> Shoot under UV or IR light in awkward conditions.
> Capture maximum detail for identification.
> Robust data admissible in the evidence chain.

The Canon solution

> High resolution cameras and lenses with up to 1.4x life size magnification, plus a range of Speedlite flashes.
> Vari-angle screen, image stabilisation, and remote shooting cameras.
> Bespoke firmware to adapt cameras for specialised applications.
> C2PA (Content Provenance and Authenticity and CAI (content Authenticity Initiative) membership.

Technical photography

Detailed resolution and accurate colours support many areas of technical photography for engineering, wear analysis and fault finding.

Industry challenges

> Capture detail in low light and in awkward conditions.
> Capture maximum detail for identification.
> Record location data.

The Canon solution

> High resolution cameras and lenses with up to 1.4x life size magnification.
> Vari-angle screen, image stabilisation, and remote shooting cameras.
> Built-in GPS location data recording, or via a Canon app.

Surveillance and reconnaissance

Capturing high quality images and footage in conditions that are the opposite of ideal is where Canon's technology excels. Recording day or night, at close range or at long distance, presents unique challenges.

Industry challenges

> Discreet, light and undetectable.
> Capture both stills and video in low light and challenging conditions.
> Rapid and accurate identification of subjects.
> Shooting over very long distances in any weather and low light.

The Canon solution

> Smaller lighter, R-system cameras and lenses.
> Silent shutter, fast AF in low light, easy switch between stills and video.
> Bespoke firmware to control specific functions.
> Bright, non-flickering EVF.
> Wide range of telephoto and super telephoto weather-sealed lenses.
> Range of products that deliver clear images in minimal light.

MEDIA AND CONTENT CREATION

INTRODUCTION

Producing compelling content with the highest level of fidelity plays a key role in government media and content creation.

Social media is at the heart of delivering news to audiences; elevate your messaging amongst employees and partners alike. Canon's experience in producing professional photography, broadcast and filmmaking equipment uniquely positions the range of camera bodies, lenses and accessories for media productions.

Our equipment portfolio is highly adaptable with products designed to work seamlessly together, even across different lines and ranges. We also offer servicing at Canon in-house service centres, regular product maintenance and pre-and post-sales consultancy.

THE EOS R SYSTEM

With fast and accurate Dual Pixel autofocus, electronic viewfinders, a silent shutter for shooting in sensitive environments, built-in Wi-Fi and Bluetooth and support for the latest-generation RF lenses across the entire range as well as EF/EF-S lenses via Mount Adapters EF/EOS-R, Canon's interchangeable lens mirrorless cameras offer excellent photography and video performance in a growing range of compact, lightweight, adaptable and easy-to-use camera bodies.

EOS R5 Mark II

> 45MP CMOS sensor
> 8K 30p Video
> 30fps continuous shooting
> Silent shutter mode
> EVF (Electronic Viewfinder)
> Low light AF down to EV -6.5

EOS R1

> 24.2MP CMOS sensor
> 6K 60p Video
> 40fps continuous shooting
> Silent shutter mode
> EVF (Electronic Viewfinder)
> Low light AF down to EV -7.5

EOS R6 Mark II

> 24.2MP Sensor
> 4K Video up to 60p
> Up to 8 stops Image Stabilization
> Up to 40fps continuous shooting speed
> 100-102,400 ISO, expands to 204.800
> EV -6.5 – 20 (at 23°C& ISO100)
> Compact body with EVF

EOS R3

> 24.1MP Sensor
> 6K 12-bit RAW video
> Eye-controlled AF
> Up to 8 stops Image Stabilization
> 100-102,400 ISO, expands to 204.800
> EV -7.5 – 20 (at 23°C & ISO100)
> 30fps continuous shooting speed
> Weather resistant

EOS R5C

> 45MP Sensor
> Video-first hybrid
> Unlimited 8K Video
> Active cooling
> 50 minutes 8K recording
> Shoots Cinema RAW Light
> Customised controls

EOS R8

> 24.2MP Sensor
> 6K RAW video
> Guided UI
> 100-102,400 ISO, expands to 204,800
> Light weight 461g body

COMPACT

An alternative to the Mirrorless camera, Canon's range of DSC or digital still compact cameras are small and lightweight with built-in lenses and simple operation, while still offering strong image quality.

EOS C80

> 6K Full Frame BSI sensor
> RF Lens Mount
> 4K 120P Slow Motion
> High Dynamic Range
> Dual Pixel CMOS AF II with EOS iTR AF X
> Compact carbon fibre polycarbonate body

EOS C500 Mark II

> 5.9K Full frame sensor
> EF or PL mount
> 15+ stops of dynamic range
> Dual Pixel CMOS AF
> XF-AVC 4K 4:2:2 10-bit
> Cinema RAW Light
> Configurable modular design

CINEMA EOS CAMERAS

Dedicated professional video cameras for exceptional image quality and limitless creative control.

EOS C400

> 6K Full Frame BSI sensor
> DIGIC DV7 processor
> 16 stops of dynamic range
> Up to ISO 102,400
> RF Lens Mount
> 4K 120P Slow Motion
> Dual Pixel CMOS AF II with EOS iTR AF X

CINEMA LENSES

Canon's full frame cine-style lenses offer build quality and optical standards ideal for filmmakers.

Seven Cine Primes all offer a striking cinematic look, 11-blade diaphragm for attractive bokeh and excellent low light performance.

Cine Zoom and Compact Cine Zoom ranges offer the flexibility of wide-angle and telephoto covering from 17mm to 1500mm.

Canon Cine lenses are available in both EF and PL mounts.

CN-E
CN-E20mm T1.5 L F
CN-E24mm T1.5 L F
CN-E50mm T1.3 L F
CN-E85mm T1.3 L F
CN-E135mm T2.2 L F

CN-R
CN-R20mm T1.5 L F
CN-R24mm T1.5 L F
CN-R50mm T1.3 L F
CN-R85mm T1.3 L F
CN-R135mm T2.2 L F

Cine Servo Zooms
CN-E70-200mm T4.4 L IS
CN-E18-80mm T4.4 L IS KAS S
MOUNT ADAPTER EF-EOS R 0.71x
CN20x50 IAS H E1/P1
CN10x25 IAS S E1/P1
CN8x15 IAS S E1/P1
CN7x17 KAS T
CN7x17 KAS S E1/P1

PROFESSIONAL CAMCORDER

Compact, professional fixed lens camcorders offer 4K broadcast quality that fits a seamless production workflow.

XF605

Professional handheld camcorder for production and broadcast

> 4K 1.0-Type CMOS sensor
> 15x L-series wide-angle zoom lens
> Dual Pixel CMOS AF
> Lightweight and compact
> 4:2:2 10-bit 4K HDR video
> Records to SD card
> 4K signal output via 12G-SDI or ethernet

XA75 / XA70

> Incredibly compact and easy to use
> 1.0 type CMOS sensor
> 4K UHD pro camcorder
> 15x optical zoom lens
> Dual Pixel CMOS AF
> 5-axis Optical Image Stabilizer
> Infrared mode
> 3 second pre-record
> 3G-SDI (XA75), HDMI out and UVC streaming
> Canon Log 3
> 4-channel audio
> Built in ND filters
> Dual SD card slots
> Smaller file sizes

XA65 / XA60

> Professional 4K camcorder
> Palm sized and easy to use
> 1/2.3 inch CMOS sensor
> 4K UHD recording
> 20x optical zoom lens
> 5-axis Image Stabilizer
> Infrared mode
> 3 second pre-record
> XF-AVC or MP4 recording
> 3G-SDI, HDMI out and UVC streaming
> Modern and legacy connectivity
> Dual SD card slots
> Smaller file sizes

PTZ CAMERAS

Canon's PTZ range offers a remote production package with 4K image quality for both indoor and outdoor use. Get seamless remote control from the Canon RC-IP100 hardware controller for up to 100 cameras, or a PC or tablet running the free application to control up to 20 PTZ cameras.

CR-N700

> 1.0-type 4K sensor
> Dual Pixel CMOS AF
> 15x optical zoom (30x Advanced Zoom)
> Dual SDI, 1 x 12G-SDI plus 1 x 3G-SDI

CR-N500

> 1.0-type 4K sensor
> Dual Pixel CMOS AF
> 15x optical zoom
> Image stabilisation

CR-N300

> 4K UHD resolution
> 1/2.3-inch CMOS sensor
> 20x image stabilised optical zoom
> Wide range of streaming and control protocols

CR-N100

> 4K UHD resolution
> DIGIC DV6 Processor
> 20x optical zoom
> Hybrid Auto Focus
> Small and Compact Chassis

CR-X300

> 4K UHD resolution
> 1/2.3-inch Type CMOS Sensor
> 15x optical zoom
> Weatherproof
> Dual Pixel CMOS AF
> 6G-SDI

RC-IP1000

> Monitor and control up to 200 cameras
> 7" LCD touch screen
> View up to 9 feeds on screen
> HDMI out, 12G-SDI in/out, Serial RJ45, LAN/POE+

SKAARHOJ RC-SK5

> XC Protocol for control of Canon PTZ/Cinema EOS cameras via IP
> Multi-function joystick
> 20 control sets for versatile camera control

RC-IP100

> Monitor and control up to 100 cameras
> 7" touchscreen
> Multi-function joystick
> Professional zoom rocker
> Serial and LAN integration

LENS RANGES

Canon's craftmanship and optical excellence deliver superb quality imaging for an unrivalled range of applications, in a vast range of lenses for broadcast, cinema, film-making, as well as professional photography and imaging.

BCTV LENSES

The 32-strong range of ENG/EFP lenses covers 2/3", 1/2" and 1/3" cameras from wide to telephoto zoom, with many 4K UHD resolution lenses plus HDTV and SDTV.

16 Studio/Field broadcast lenses offer exceptional zoom range (up to 122x zoom on the UJ122x8.2B UHD Digisuper 122 lens), outstanding 4K Premium optics and peerless servo-assisted image stabilisation. Highly flexible and compact for their optical performance and zoom range.

CJ12EX4.3B

> 2/3" 4K wide angle lens
> 12x zoom
> 4.3mm to 52mm (or 104mm using the built-in 2x extender)
> Compact and lightweight

CJ25EX7.6B

> 2/3" 4K and HDR general-purpose lens
> 25x standard zoom
> 7.6mm to 190mm (380mm with the built-in 2x extender)
> Magnesium alloy body
> Light and durable

RF LENSES

Canon optics are designed and built to take full advantage of the full-frame EOS R mirrorless camera system. RF lenses are fast-focusing and bright, offering excellent handling and control.

Use existing Canon EF and EF-S lenses on EOS R system cameras, with full autofocus and metering capabilities, with the Canon Mount Adapter EF-EOS R.

RF 35MM F1.8 MACRO IS STM

> Wide angle prime
> Macro capability
> Fast f/1.8 max aperture

RF 50MM F1.2L USM

> Outstanding clarity and sharpness
> Bright f/1.2 maximum aperture
> Fast AF in low light
> Weather resistant

RF 24-105MM F2.8L IS USM Z

> Ideal for video and stills
> Flexible zoom range and bright f/2.8 max aperture
> 5.5-stop image stabilisation
> Weather resistant

RF 85MM F1.2L USM

> Ideal portrait lens
> Exceptional performance
> Bright f/1.2 maximum aperture
> Superb in low light
> Weather resistant

RF 24-105MM F4L IS USM

> L-series lens
> Flexible zoom range
> Nano USM autofocus
> 5-stop image stabilisation
> Weather resistant

RF 10-20MM F4L IS STM

> Widest ever full frame zoom
> Superb sharpness
> Minimal distortion
> Peripheral Coordinated Control IS
> Weather resistant

MOUNT ADAPTER EF-EOS R

Use existing EF lenses on EOS R mirrorless bodies with this standard mount adapter, maintaining full metering and autofocus functionality.

RF ZOOMS: THE TRINITY

Three RF zoom lenses to cover the essentials. Each boasts a fast f/2.8 aperture, smooth and silent USM focusing, 5-stop image stabilisation (up to 8 stops when combined with in-body stabilisation) and weather-sealed build.

**RF 15-35MM
F2.8L IS USM**

ULTRA-WIDE ZOOM

**RF 24-70MM
F2.8L IS USM**

STANDARD ZOOM

**RF 70-200MM
F2.8L IS USM**

TELEPHOTO ZOOM

SPEEDLITE FLASHES

Supplement your lighting and take control with a Canon Speedlite flash.

SPEEDLITE
EL-1 (Ver.2)

> Active cooling prevents overheating
> Ultra-fast recycle times
> Uses rechargeable Li-ion battery
> All-weather build
> Wireless operation
> Compatible with EOS DSLR
  and EOS R System

SPEEDLITE EL-5

> Guide number 60m
> Fast 0.1-1.2 sec recycle times
> Multi-Function foot interface
> Rechargeable Li-ion battery
> Wide range of power levels
> Accurate battery level indicator
> Weather-resistant construction
> With conventional hot-shoe
> Compatible with EOS DSLR
  and EOS R System

FORENSIC PHOTOGRAPHY

INTRODUCTION

Creating an accurate forensic record with full metadata and ISO standards adherence is a vital part of any investigation, to preserve the integrity of the evidence chain.

Similarly important is the documenting of wear, faults and accidental damage to government equipment through product photography, and the following pages detail the Canon products, software and training support are ideal for these highly technical tasks in documenting through product photography and video.

MIRRORLESS CAMERAS

Compact, lightweight, and designed for filmmakers and photographers, Canon's interchangeable lens mirrorless cameras offer high image quality, intuitive handling and exceptional lenses.

MIRRORLESS: KEY ADVANTAGES OVER DSLR

Lightweight and Compact

Without the prism and reflex mirror optical setup, mirrorless cameras are significantly smaller and lighter than a DSLR.

Electronic Viewfinder

Replacing the optical viewfinder of a DSLR, an electronic viewfinder provides an accurate real-time simulation of the final exposure. The EVF shows subjects clearly in the dark.

Silent Shutter

All EOS R System cameras support silent shooting, an advantage for photography in sensitive environments.

Compatible with EF/EF-S Lenses

The EOS R System offers integration with EF and EF-S DSLR lenses via the Mount Adapters EF-EOS R, and EOS accessories and Speedlite flashes.

EOS R3

> 24.1MP Sensor
> 6K 12-bit RAW video
> Eye-controlled AF
> Up to 8 stops Image Stabilization
> 100-102,400 ISO , expands to 204,800
> EV -7.5 – 20 (at 23°C & ISO100)
> 30fps continuous shooting speed
> Weather resistant

EOS R5 Mark II

> 45MP CMOS sensor
> 8K 30p Video
> 30fps continuous shooting
> Silent shutter mode
> EVF (Electronic Viewfinder)
> Low light AF down to EV -6.5

EOS R6 Mark II

> 20.1MP Sensor
> 4K Video up to 60p
> Up to 8 stops Image Stabilization
> Up to 40fps continuous shooting speed
> 100-102,400 ISO, expands to 204,800
> EV -6.5 – 20 (at 23°C& ISO100)
> Compact body with EVF

EOS R7

> 32.5MP APS-C sensor
> 4K 60p video
> 30 fps continuous shooting
> Light weight 612g body

EOS R10

> 24.2MP APS-C sensor
> 4K 60p video
> 23 fps continuous shooting
> Light weight 429g body
> Easy to use
> Affordable

RF LENSES

Optimised for the full-frame EOS R mirrorless camera system, Canon RF lenses are fast-focusing and bright, offering high levels of intuitive control.

Canon EF lenses are compatible with EOS R cameras when using the Mount Adapter EF-EOS R, which maintains full autofocus and metering functionality.

RF 50MM F1.2L USM

> Outstanding clarity and sharpness
> Bright f/1.2 maximum aperture
> Fast AF in low light
> Weather resistant

RF 85MM F1.2L USM

> Ideal portrait lens
> Exceptional performance
> Fast f/1.2 maximum aperture
> Superb in low light
> Weather resistant

RF-S 18-45MM 4.5-6.3 IS STM

> For APS-C-sized sensor cameras
> Compact and light
> 4-stop Image Stabilizer

RF 100mm F2.8L Macro IS USM

> Class-leading 1.4x magnification
> 26cm close focussing
> Automatic focus bracketing
> Up to 5-stop image stabilisation

RF 24-70MM F2.8L IS USM

> Versatile zoom range
> Fast f/2.8 maximum aperture
> Weather resistant
> 21cm close focussing
> 5-stop image stabilisation

RF-S 18-150MM F3.5-6.3 IS STM

> For APS-C-sized sensor cameras
> Wide 8.3x zoom range
> Powerful reach in one lens
> 4.5-stop Image Stabilizer

FORENSIC LENSES & FLASHES

Canon's EF lens range is vast: there's an EF lens for every job. Newer RF lenses, designed for EOS R mirrorless cameras, have quieter USM focusing and control rings which can be "declicked" for smooth, silent aperture control, ideal for shooting video as well as stills.

Both EF and RF lenses offer image stabilisation, useful when shooting handheld or from a moving vehicle. When fitted to EOS R cameras with their own built-in image stabilisation, this effect is boosted even further. EF lenses are fully compatible with EOS R mirrorless cameras via an adapter.

L series lenses, available across both our EF and RF ranges, offer excellent optics and large apertures for better low light performance, and are robust, weather-sealed and built for reliable operation in the field.

RF LENS RANGE

RF 50MM F1.2L USM

> Outstanding clarity and sharpness
> Bright f/1.2 maximum aperture
> Fast AF in low light
> Weather resistant

RF 100mm F2.8L MACRO IS USM

> Class-leading 1.4x magnification
> 26cm close focussing
> Automatic focus bracketing
> Up to 5-stop image stabilisation

SPEEDLITE RANGE

Macro Ring Lite MR-14EX II

> Uniform lighting for small close-up photography subjects
> Easy to use
> Ring flash head with dual tubes
> Adjust each tube individually
> 6-stop brightness range

Macro Twin Lite MT-26EX RT

> Twin flash with fast recycling
> High-brightness white LEDs
> Optical and Radio Wireless control
> Creative lighting options

SPEEDLITE EL-1 (Ver.2)

> Active cooling prevents overheating
> Ultra-fast recycle times
> Uses rechargeable Li-ion battery
> All-weather build
> Wireless operation
> Compatible with EOS DSLR and EOS R System

Speedlite Transmitter ST-E3-RT

> Fire compatible Speedlite flashguns over distances of up to 30m
> Radio frequency control provides reliable operation without direct line of sight
> Trigger up to 15 cameras for synchronised shooting
> Weather sealed

PRINTERS & SOFTWARE

PRINTER RANGE

From professional A2 printers to portable models for instant prints in the field, Canon's printer range caters for the needs of the forensics team.

SELPHY CP1500

Create richly coloured, highly durable prints in seconds with this simple to use compact photo printer.

CANON PRO PRINTER RANGE

> PIXMA PRO-200S
> imagePROGRAF PRO-310
> imagePROGRAF PRO-1100

MAXIFY BX110

Slip into your bag for superb connectivity and quality without wires – ideal for work that won't stay still

CCAPI AND SDK

Canon offers a full API package for software developers, allowing them to create software for controlling a wide range of EOS and PowerShot cameras for applications such as 3D photogrammetry (see below) and remote event recording. The package combines the EOS Digital SDK and the Camera Control API.

The EOS Digital SDK (EDSDK) enables software developers to produce dedicated programs for wired control of over 50 Canon EOS and PowerShot cameras, which must be connected to a Windows or macOS computer via USB.

The Camera Control API (CCAPI) is based on HTTP technology and allows control via IP and Wi-Fi, making it more platform agnostic than EDSDK (it will work with iOS, Android and Linux devices as well as PCs). It currently works with 13 EOS and PowerShot cameras.

3D PHOTOGRAMMETRY

3D photogrammetry is a highly effective method of recreating crime scenes for forensic analysis, using hundreds or thousands of still images taken from different angles and positions to create a 3D representation for detailed analysis.

Using Canon's EOS Digital SDK and a computer to control a rig of EOS cameras and lenses, capture data quickly and reliably to recreate a digital replica. Use this data to re-create a physical object with a 3D printer.

TECHNICAL PHOTOGRAPHY

INTRODUCTION

Using Canon lenses and Canon bodies together ensures consistent colour representation, and weather sealing keeps out dust and water. Many Canon bodies support tethered operation, for instant viewing and transmitting of forensic images.

Our comprehensive after-sales service, available throughout Europe, maintains and repairs all your Canon products to keep them always ready for use.

OVERT OPERATIONS: TECHNICAL PHOTOGRAPHY

Canon's wide range of cameras covers PowerShot point-and-shoots to palm-sized professional camcorders, as well as DSLRs like the EOS-1D X Mark III and our newer EOS R mirrorless cameras.

Mirrorless offers high image quality and the flexibility of interchangeable lenses in a smaller, lighter body with a silent shutter.

EOS R5 Mark II

> 45MP CMOS sensor
> 8K 30p Video
> 30fps continuous shooting
> Silent shutter mode
> EVF (Electronic Viewfinder)
> Low light AF down to EV -6.5

EOS R6 Mark II

> 20.1MP Sensor
> 4K Video up to 60p
> Up to 8 stops Image Stabilization
> Up to 40fps continuous shooting speed
> 100-102,400 ISO, expands to 204,800
> EV -6.5 – 20 (at 23°C& ISO100)
> Compact body with EVF

RF 100mm F2.8L Macro IS USM

> Class-leading 1.4x magnification
> 26cm close focussing
> Automatic focus bracketing (built into EOS R3, R5, R6 and RP bodies)
> Up to 5-stop image stabilisation

RF 24-70MM F2.8L IS USM

> Versatile zoom range
> Fast f/2.8 maximum aperture
> Weather resistant
> 21cm close focussing
> 5-stop image stabilisation

RF 24MM F1.8 MACRO IS STM

> 24mm focal length
> Fast f/1.8 maximum aperture
> Macro capabilities with 14cm minimum focus
> 5-stop Optical Image Stabilizer
> Lens and focus control ring

RF 15-35MM F2.8L IS USM

> Versatile wide angle zoom
> Fast f/2.8 maximum aperture
> Weather resistant
> 5-stop image stabilisation

RF 50MM F1.2L USM

> Useful standard lens focal length
> Bright f/1.2 maximum aperture
> Weather resistant
> 40cm close focusing
> Remarkable low light performance

INTRODUCTION TO EOS VR SYSTEM

The workflow is efficient and fast: when a photo or video is captured on an EOS R5 C or an EOS R5 equipped with this lens, a single file containing two separate images – each taken from a slightly different perspective – is created.

When this file is opened in the Canon EOS VR Utility, the two images can be combined into a detailed, lifelike 3D image which can be viewed using a VR headset.

It's a simple, portable setup to capture crime scenes and other environments to later explore in immersive, highly detailed VR. Ideal for creating training programmes and simulations, and forensic work.

Combined with an EOS R5 C or an EOS R5 body and the Canon EOS VR Utility, the revolutionary RF5.2mm F2.8 L Dual Fisheye lens creates a highly detailed virtual replica of your location.

RF 5.2MM F2.8L DUAL FISHEYE

> f/2.8 aperture for exceptional low light performance
> Dual EMD units for precise control and synchronisation
> Works with Canon EOS R5 body for full-frame 8K video capture

SPEEDLITE EL-1 (Ver.2)

> Active cooling prevents overheating
> Ultra-fast recycle times
> Uses rechargeable Li-ion battery
> All-weather build
> Wireless operation
> Compatible with EOS DSLR and EOS R System

XA75 / XA70

> Incredibly compact and easy to use
> 1.0 type CMOS sensor
> 4K UHD pro camcorder
> 15x optical zoom lens
> Dual Pixel CMOS AF
> 5-axis Optical Image Stabilizer
> Infrared mode
> 3 second pre-record
> 3G-SDI (XA75), HDMI out and UVC streaming
> Canon Log 3
> 4-channel audio
> Built in ND filters
> Dual SD card slots
> Smaller file sizes

XA65 / XA60

> Professional 4K camcorder
> Palm sized and easy to use
> Professional 4K camcorder
> 1/2.3 inch CMOS sensor
> 4K UHD recording
> 20x optical zoom lens
> 5-axis Image Stabilizer
> Infrared mode
> 3 second pre-record
> XF-AVC or MP4 recording
> 3G-SDI, HDMI out and UVC streaming
> Modern and legacy connectivity

Macro Ring Lite MR-14EX II

> Uniform lighting for small close-up photography subjects
> Easy to use
> Ring flash head with dual tubes
> Adjust each tube individually
> 6-stop brightness range

Macro Twin Lite MT-26EX RT

> Twin flash with fast recycling
> High-brightness white LEDs
> Optical and Radio Wireless control
> Creative lighting options

SURVEILLANCE

INTRODUCTION

Gather evidence for intelligence, military or law enforcement services with Canon's range of photography, videography and surveillance equipment. Excellent optics, colour accuracy and low light capabilities, plus remote control and night vision, feature in a range of cameras with high quality super telephoto lenses and professional binoculars.

Control the camera from a computer with tethered or wireless shooting ideal for covert surveillance operations. Ensure perfect framing with live preview using framing grids and compositing tools.

SURVEILLANCE CAMERAS

Mirrorless interchangeable lens cameras offer flexibility; all-in-one PowerShot compact or superzooms offer convenience; professional camcorders offer ease of use; multi-purpose cameras offer incredible low light capabilities.

Ideal tools for short range surveillance.

CANON VIDEO ENHANCEMENT SOFTWARE V1.0

Enhance your video quality with Canon's professional Video Enhancement Software which delivers improved clarity and cleaner video footage in real time. Extract clean detail from low light footage taken from Canon High-Sensitivity cameras with software running on small PC in real time. It corrects loss of definition caused by noise and brings you incredible full colour results. Low-light applications include border and coastal observation plus infrastructure facility monitoring.

HIGH SENSITIVITY

MS-500

> 1.0-Type SPAD sensor
> B4 lens mount compatible with Canon broadcast lenses
> Manual or Auto focus
> Pelco-D or Canon NU protocol support
> Haze compensation and smart shade control

ME20F-SH / ME20F-SHN

> Full HD colour or infrared video in almost total darkness
> Maximum ISO in excess of 4,000,000
> Full-frame 2.26MP CMOS sensor
> Support EF and Cine Servo lenses
> Remote operation via ethernet (ME20F-SHN)

ML-100 EF / ML-105 EF

> Durable and dust, water and shock resistant
> IP-54 rated
> 76 x 76 x 112mm (ML-105EF)
> Light weight 775g (ML-105EF)
> Full-frame 2.07MP CMOS sensor
> Maximum ISO in excess of 4,000,000
> EF or M58 mount
> SDI or CoaXPress video variations

POWERSHOT RANGE

PowerShot GOLF

> Discreet, lightweight pocket-sized superzoom
> Pinpoint accurate distance measurement with high-precision laser
> 6x optical magnification plus 2x digital zoom to 12x magnification
> Full HD video footage
> 11MP sensor
> USB-C charging

CAMERA BODIES

EOS R3

> 24.1MP Sensor
> 6K 12-bit RAW video
> Eye-controlled AF
> Up to 8 stops Image Stabilization
> 100-102,400 ISO , expands to 204,800
> EV -7.5 – 20 (at 23°C & ISO100)
> 30fps continuous shooting speed
> Weather resistant

EOS R6 Mark II

> 20.1MP Sensor
> 4K Video up to 60p
> Up to 8 stops Image Stabilization
> Up to 40fps continuous shooting speed
> 100-102,400 ISO, expands to 204,800
> EV -6.5 – 20 (at 23°C& ISO100)

EOS R7

> 32.5MP APS-C sensor
> 4K 60p video
> 30 fps continuous shooting
> Light weight 612g body

EOS R10

> 24.2MP APS-C sensor
> 4K 60p video
> 23 fps continuous shooting
> Light weight 429g body
> Easy to use

PTZ RANGE

CR-X300

> Weatherproof for outdoor use
> IP-65 rated
> Compact, lightweight, portable
> 1/2.3-inch Type CMOS Sensor
> 4K UHD capture
> 20x optical zoom
> Hybrid AF
> 6G-SDI
> Multiple protocol support
> 4K, 30.00P output, 4:2:2, 10-bit via SDI/HDMI
> 4K 30.00P output 4:2:0, 8-bit via LAN (IP)
> Built in ND filters, IR Cut filter

PRO CAMCORDERS

XA75 / XA70

> Incredibly compact and easy to use
> 1.0 type CMOS sensor
> 4K UHD pro camcorder
> 15x optical zoom lens
> Dual Pixel CMOS AF
> 5-axis Optical Image Stabilizer
> Infrared mode
> 3 second pre-record
> 3G-SDI (XA75), HDMI out and
  UVC streaming
> Canon Log 3
> 4-channel audio
> Built in ND filters
> Dual SD card slots
> Smaller file sizes

XA65 / XA60

> Professional 4K camcorder
> Palm sized and easy to use
> 1/2.3 inch CMOS sensor
> 4K UHD recording
> 20x optical zoom lens
> 5-axis Image Stabilizer
> Infrared mode
> 3 second pre-record
> XF-AVC or MP4 recording
> 3G-SDI, HDMI out and UVC streaming
> Modern and legacy connectivity
> Dual SD card slots
> Smaller file sizes

SHORT RANGE SURVEILLANCE LENSES

INTRODUCTION

Canon offers photo and video equipment ideal for covert surveillance of distances up to 1.5km during day or night. Camera size is a key factor, due to the nature of the activities, and working in all lighting conditions and without hands-on control.

RF & EF LENSES

RF lenses, designed for EOS R mirrorless cameras, have quieter USM focusing than EF lenses and control rings which can be "declicked" for smooth, silent aperture control, ideal for shooting video as well as stills.

Both RF & EF lenses offer image stabilisation, useful when shooting handheld or from a moving vehicle. When fitted to EOS R cameras with their own built-in image stabilisation, this effect is boosted even further. EF lenses are fully compatible with EOS R mirrorless cameras via an adapter.

L series lenses, available across both our RF and EF ranges, offer excellent optics and large apertures for better low light performance, and are robust, weather-sealed and built for reliable operation in the field.

RF LENS RANGE

Canon optics are designed and built to take full advantage of the full-frame EOS R mirrorless camera system. RF lenses are fast-focusing and bright, offering excellent handling and control.

RF 100-500MM F4.5-7.1L IS USM

> Powerful 100-500mm zoom range
> Ideal for fast moving subjects
> Compact, light and versatile
> Excellent sharpness and contrast
> 5-stop image stabilisation
> L-series quality and robust weather sealed construction

RF 70-200MM F2.8L IS USM
TELEPHOTO ZOOM

> High performance f/2.8 telephoto zoom
> Superb optical quality
> Durable L-series weather resistant construction
> 9-blade aperture
> 5-stop image stabilisation

RF 50MM F1.8 STM

> Standard lens with field of view similar to the human eye
> Compact, lightweight and inexpensive
> Sharp, detailed image quality even in low-light conditions
> STM motor for near-silent autofocus
> Bright f/1.8 aperture

RF 800MM F5.6L IS USM

> Ultimate super telephoto lenses
> Uncompromised image quality and reach
> Light weight for handheld use
  (under 4kg mounted to EOS R3)
> Use with 1.4x and 2x Extenders
> Heat shield coating
> L-series quality and robust
  weather-sealed construction

RF 1200MM F8L IS USM

> Ultimate super telephoto lenses
> Uncompromised image quality and reach
> Light weight for handheld use
  (under 4kg mounted to EOS R3)
> Use with 1.4x and 2x Extenders
> Heat shield coating
> L-series quality and robust
  weather-sealed construction

MOUNT ADAPTER EF-EOS R

Use existing EF lenses on EOS R mirrorless bodies with this standard mount adapter, maintaining full metering and autofocus functionality.
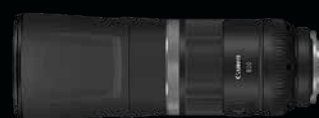
RF-S 18-150MM F3.5-6.3 IS STM

> Designed for APS-C-sized
  sensor cameras
> Wide 8.3x zoom range
> Powerful reach in one lens
> 4.5-stop Image Stabilizer

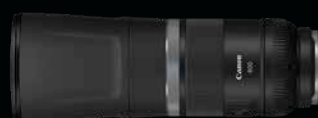## RF 100-300MM F2.8L IS USM

> Versatile telephoto power
> Blazingly fast, responsive
  and precise
> Incredible image quality
> Creative control when you
  need it most

RF 600MM F11 IS STM

> Powerful magnification
> Built in Image Stabilizer
> 5-stop IS
> Light weight

RF 800MM F11 IS STM

> Powerful magnification
> Built in Image Stabilizer
> 4-stop IS
> Light weight

EF LENS RANGE*

Designed for Canon's extensive range of DSLR and multi-purpose cameras, Canon EF lenses offer wide maximum apertures, full-frame coverage and a variety of focal lengths.

EF TELEPHOTO LENS RANGE: PRIME*

Fixed focal length lenses with robust L-series construction, near-silent focusing and excellent image quality.

EXTENDER RF 1.4X

> Add 1.4x magnification
> Maintains performance
> Dust and water resistance for use by
  professionals and high-end amateurs
> L-series lenses

EXTENDER RF 2X

> Add 2x magnification
> Maintains performance
> Dust and water resistance for use by
  professionals and high-end amateurs
> L-series lenses

EF 100-400MM F/4.5-5.6L IS II USM

> Compact and versatile
> All-weather super-telephoto zoom
> Sharp, high-contrast results
> Fast and near-silent USM autofocus
> 4-stop image stabilisation

EF 800MM F/5.6L IS USM

> Extreme super-telephoto lens
> Uncompromised image quality
> All-weather L-series construction
> 4-stop image stabilisation
> 4.5kg weight

Designed for: RF 100-500mm F4.5-7.1L IS USM, RF 400mm F2.8L IS USM, RF 600mm F4L IS USM, RF 600mm F11 IS STM, RF 800mm F11 IS STM, RF 800mm F5.6L IS USM and RF 1200mm F8L IS USM

*These products are discontinued but may still be available. Only compatible with EOS R System cameras when using an EF-EOS R Mount Adapter.

LONG RANGE SURVEILLANCE LENSES

INTRODUCTION

Long-range surveillance of subjects 1.5km or more from camera equipment require different methods and tools: extra magnification and image quality; products left hidden or unattended for long periods; reliable connectivity for data collection, to name a few.

CANON RF TELEPHOTO LENS RANGE: PRIME

High-quality fixed focal length super telephoto lenses with image stabilisation and quiet (or silent) focusing motors.

RF 400MM F2.8L IS USM

RF 600MM F4L IS USM

RF 1200MM F8L IS USM

RF 600MM F11 IS STM

RF 800MM F11 IS STM

CANON RF TELEPHOTO LENS RANGE: ZOOM

Compact, lightweight and versatile zooms with super-telephoto power.

RF 100-300MM F2.8 IS USM

RF 100-400MM F5.6-8 IS USM

RF 100-500MM F4.5-7.1L IS USM

RF 100-500MM F4.5-7.1L IS USM

EXTENDERS

Give compatible lenses 1.4x or 2x extra magnification while maintaining high performance.

EXTENDER RF 1.4X

EXTENDER RF 2X

CANON EF TELEPHOTO LENS RANGE: PRIME*

Fixed focal length lenses with robust L-series construction, near-silent focusing and excellent image quality.

EF 400MM F/5.6L USM

EF 400MM F/2.8L IS III USM

EF 800MM F/5.6L IS USM

EF 500MM F/4L IS II USM

EF 600MM F/4L IS III USM

CANON EF TELEPHOTO LENS RANGE: ZOOM*

L-series telephoto zooms for flexibility and wide focal length range.

EF 100-400MM F/4.5-5.6L IS II USM

EF 200-400MM F/4L IS USM

EXTENDERS*

Give L-series lenses 1.4x or 2x extra reach while maintaining high performance.
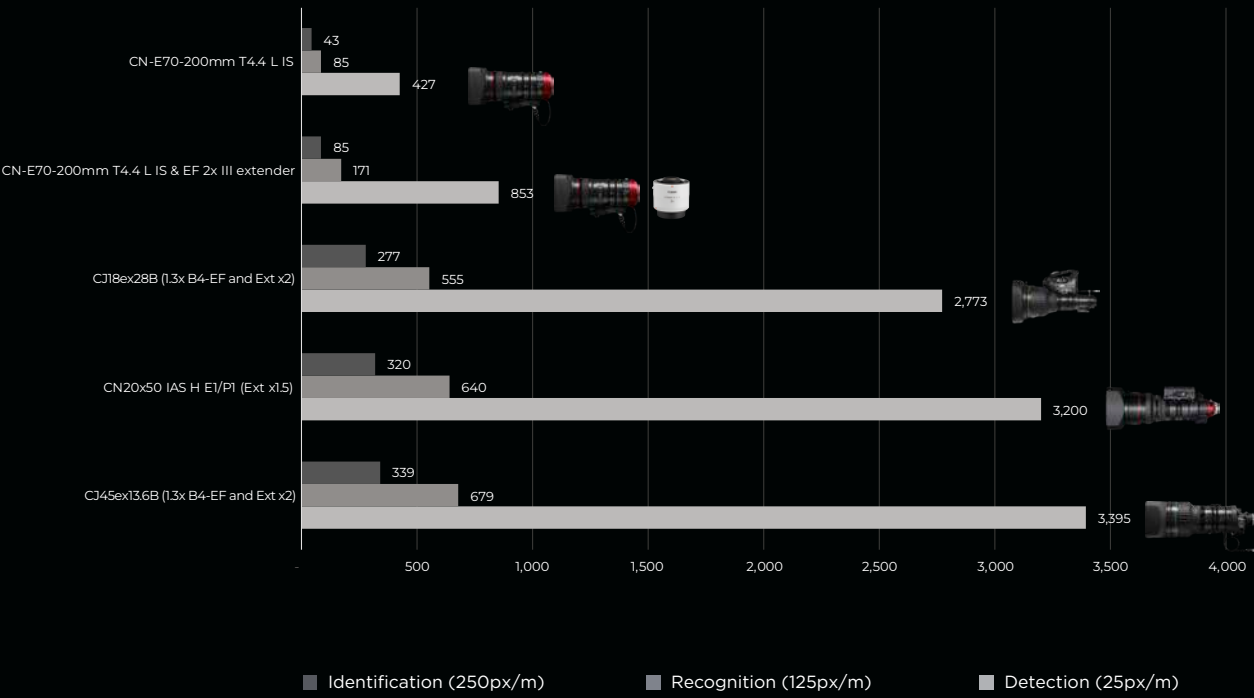
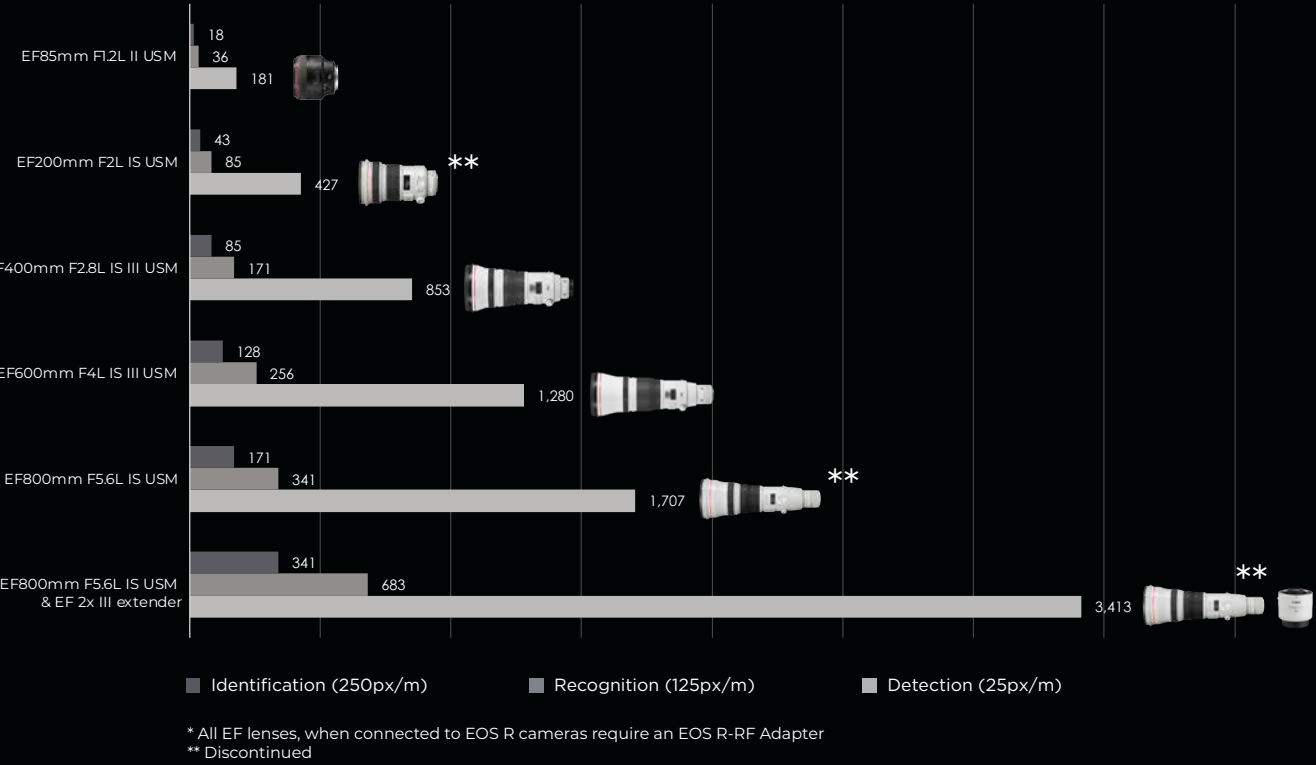**EXTENDER EF 1.4X III**

EXTENDER EF 2X III

*Only compatible with EOS R System cameras when using an EF-EOS R Mount Adapter.
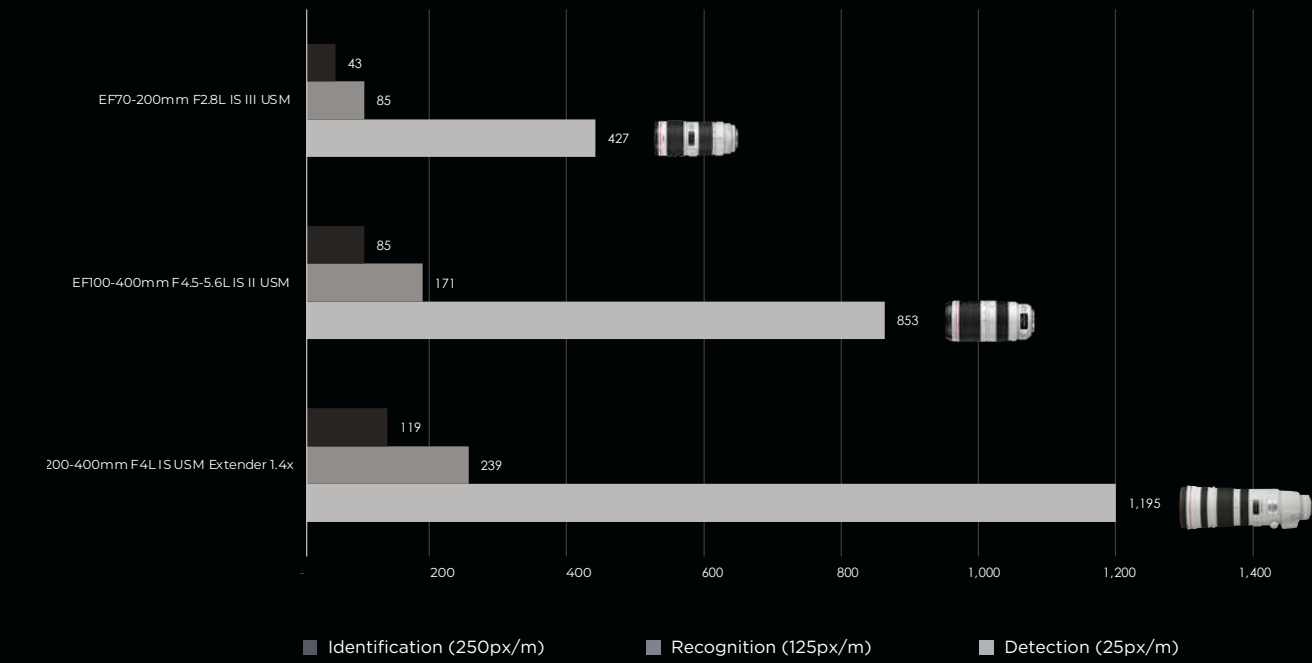
LENS MAGNIFICATION CHART

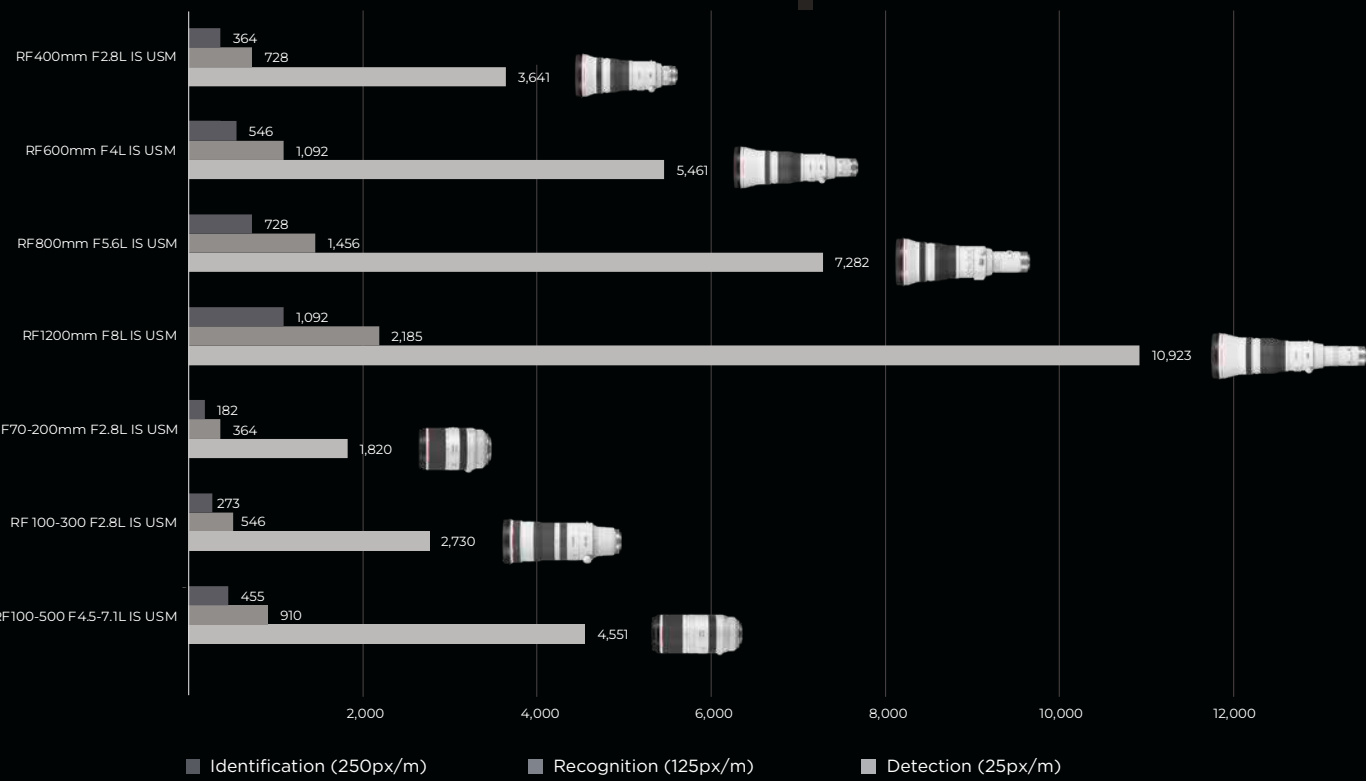## MOTORISED ZOOM LENS WITH ME20F-SH / SHN AT FULL HD 1920 X 1080

Lens	Identification (250px/m)	Recognition (125px/m)	Detection (25px/m)
CN-E70-200mm T4.4 L IS	43	85	427
CN-E70-200mm T4.4 L IS & EF 2x III extender	85	171	853
CJ18ex28B (1.3x B4-EF and Ext x2)	277	555	2,773
CN20x50 IAS H E1/P1 (Ext x1.5)	320	640	3,200
CJ45ex13.6B (1.3x B4-EF and Ext x2)	339	679	3,395

■ Identification (250px/m)　■ Recognition (125px/m)　■ Detection (25px/m)

EF PRIME LENS WITH ME20F-SH / SHN AT FULL HD 1920X1080

Lens	Identification (250px/m)	Recognition (125px/m)	Detection (25px/m)
EF85mm F1.2L II USM	18	36	181
EF200mm F2L IS USM **	43	85	427
EF400mm F2.8L IS III USM	85	171	853
EF600mm F4L IS III USM	128	256	1,280
EF800mm F5.6L IS USM **	171	341	1,707
EF800mm F5.6L IS USM & EF 2x III extender **	341	683	3,413

■ Identification (250px/m)　■ Recognition (125px/m)　■ Detection (25px/m)

* All EF lenses, when connected to EOS R cameras require an EOS R-RF Adapter
** Discontinued

EF ZOOM LENS WITH ME20F-SH / SHN AT FULL HD 1920 X 1080

Lens	Identification (250px/m)	Recognition (125px/m)	Detection (25px/m)
EF70-200mm F2.8L IS III USM	43	85	427
EF100-400mm F4.5-5.6L IS II USM	85	171	853
200-400mm F4L IS USM Extender 1.4x	119	239	1,195

■ Identification (250px/m)　■ Recognition (125px/m)　■ Detection (25px/m)

RF LENS WITH EOS R5 MARK II: 45MP STILLS

Lens	Identification (250px/m)	Recognition (125px/m)	Detection (25px/m)
RF400mm F2.8L IS USM	364	728	3,641
RF600mm F4L IS USM	546	1,092	5,461
RF800mm F5.6L IS USM	728	1,456	7,282
RF1200mm F8L IS USM	1,092	2,185	10,923
RF70-200mm F2.8L IS USM	182	364	1,820
RF 100-300 F2.8L IS USM	273	546	2,730
RF100-500 F4.5-7.1L IS USM	455	910	4,551

■ Identification (250px/m)　■ Recognition (125px/m)　■ Detection (25px/m)

BROADCAST LENS RANGE

Lightweight and compact B4 mount ultra-telephoto zoom lenses designed for broadcast video cameras with 2/3" sensors.

CJ18EX28B IASE S

> Compact, durable and lightweight (2.76kg)
> Professional broadcast zoom lens
> 4K resolving power
> 18x zoom with built-in 2x extender
> Covers a 28-500mm focal range
  (56-1000mm with extender)
> f/2.8 maximum aperture

CJ45EX13.6B IASE-V H

> Small, slim and lightweight (5.64kg)
> Professional broadcast zoom lens
> 4K resolving power
> 45x zoom, with built-in 2x extender
> Covers a 13.6-612mm focal range
  (27-1224mm with extender)
> f/2.8 maximum aperture

CINE LENS RANGE

Cine-Servo zoom lenses offering exceptional range and image quality and designed for movie making and broadcast TV; attach to EF mount DSLRs and tiny multi-purpose cameras for surveillance applications.

CN8X15 IAS S E1/P1

> 4K and 8K resolution
> Exceptional optical quality
> T2.95 – T3.95 wide maximum aperture
> 10x zoom lens with a focal range of 15-120mm
  (or 22.5- 180mm with built-in 1.5x extender)
> Weighs 3.06kg
> Detachable servo drive unit
> Lens metadata
> EF or PL mount

CN20X50 IAS H E1

> Versatile ultra-telephoto 20x zoom lens
> 50-1000mm focal range
  (75-1500mm with built-in 1.5x extender)
> Superb optical accuracy for 4K recording
> EF mount
> Detachable servo drive unit
> Weighs 6.6kg

CN10X25 IAS S E1

> 4K and 8K resolution
> Exceptional optical quality
> 10x zoom lens with a focal range of 25-250mm
  (or 37.5- 375mm with built-in 1.5x extender)
> Weighs 3.06kg
> Detachable servo drive unit
> Supports full EF mount communication

ADDITIONAL SURVEILLANCE PRODUCTS

INTRODUCTION

Pair a Canon ME20F-SHN multi-purpose camera with an EF mount CN20x50 IAS H E1 lens to create a compact and versatile Full HD surveillance solution with excellent range and shoot in almost total darkness.

Control and monitor remotely via the ME20F-SHN's Ethernet network capabilities, and record off-site, thanks to an IP-based solution using robust, reliable Canon technology throughout.

The simple connection with Milestone XProtect provides robust remote surveillance solution with full camera & lens control.

HIGH SENSITIVITY CAMERA RANGE

ME20F-SHN

> Full HD colour or infrared video in almost total darkness
> Maximum ISO in excess of 4,000,000
> Full-frame 2.26MP CMOS sensor
> Support EF and Cine Servo lenses
> Remote operation via ethernet (ME20F-SHN)
> Also available for monochrome only capture

MS-500

> 1.0-Type SPAD sensor
> B4 lens mount compatible with Canon broadcast lenses
> Manual or Auto focus
> Pelco-D or Canon NU protocol support
> Haze compensation and smart shade control

BINOCULAR RANGE

Canon binoculars offer comfortable viewing over long periods, thanks to image stabilisation in every model, and a wide choice of magnification, weather proofing and portability.

10X42L IS WP

> 10-times magnification
> L-series optics
> Bright 4.2mm exit pupil
> JIS Grade 7 waterproofing
> Image Stabilizer

18X50 IS AW

> High-power 18x magnification
> Image Stabilizer
> JIS Grade 4 weather proofing
> Bright 50mm objective lens

12X32 IS

> Powerful 12x magnification
> More compact size
> 2 levels of Image Stabilizer
> AA batteries for up to 10 hours of continuous powered stabilisation

CANON VIDEO ENHANCEMENT SOFTWARE V1.0

Enhance your video quality with Canon's professional Video Enhancement Software which delivers improved clarity and cleaner video footage in real time. Extract clean detail from low light footage taken from Canon High-Sensitivity cameras with software running on small PC in real time. It corrects loss of definition caused by noise and brings you incredible full colour results. Low-light applications include border and coastal observation plus infrastructure facility monitoring.

REMOTE HEAD RANGE

ROBOTIC CAMERA SYSTEM CR-S700R

> Pan, tilt and zoom remote control solution
> Compatible with EOS-1D X Mark III and EOS R3
> Operating footprint approximately 26cm radius (excluding camera and lens)
> Ideal for installation in tight spaces
> Control remotely and monitor via Ethernet or IP (using a CR-G100 module)
> Control via an optional joystick or gaming controller
> Control and monitor multiple CR- S700R remote heads from one computer

PRO PRINTER RANGE

Ensure consistency from input to output with the Canon Pro range of professional photo printers. Ideal for clear, detailed, large prints of stills shot on Canon cameras.

imagePROGRAF PRO-1100

For deeper blacks, richer blues, and impeccable detail – this A2 printer delivers professional quality and enduring results.

imagePROGRAF PRO-310

A desktop imagePROGRAF professional printer delivering A3+ gallery quality prints with an easy workflow for confident printing.

PIXMA PRO-200S

Focused on vibrant colour photo printing, versatility, and usability, PIXMA PRO-200S is the ideal choice for photo enthusiasts and aspiring photographers.

PEOPLE-COUNTING RANGE

> Quickly and accurately count large numbers of people in a predefined area
> Ideal for real-time response or statistical data
> Uses easy to deploy security cameras and proprietary AI technology
> Ideal for wide open spaces such as live events, public transport and urban areas
> Count thousands of people in seconds
> Available for Windows and Milestone XProtect software

SPECIAL FIRMWARE

INTRODUCTION

Special, non-standard firmware updates add features, improve performance and enhance security for your Canon products.

SPECIAL FIRMWARE FOR EOS R CAMERAS

"Communication Removal Service" for the Canon EOS-1D X Mark III, EOS R3, EOS R5, EOS R5 Mark II, EOS R6 Mark II, EOS R7, EOS R8, EOS R10, EOS R50 & EOS R100.

This firmware update permanently disables the camera's Wi-Fi/Bluetooth /LAN/GPS hardware and removes the wireless communication tab from the UI display. Ideal for covert operations that require a more secure and private camera difficult to detect, track or steal information from.

POWERSHOT ZOOM FIRMWARE UPDATE

Increase the camera's sensitivity from ISO 3200 to ISO 12800.

Imaging performance can be enhanced to improve evidence-gathering and surveillance. This update boosts low-light performance, adds a date and time stamp for easier cataloguing of evidence, and increases the maximum video recording time from 9 minutes 59 seconds to 29 minutes 59 seconds.

TRAINING &
AFTER-SALES SERVICE

INTRODUCTION

TRAINING

We offer full training in the use of our equipment and software.

Canon can train a department's instructors and teachers or instruct users directly if required.

Make the most of your investment in equipment thanks to practical learning on your products' capabilities.

AFTER-SALES SERVICE

Canon offers a comprehensive repair, maintenance and replacement service through the Canon Professional Service Centres located in various regions across Europe, the Middle East and Africa.

With fast technical support via dedicated phone lines, fast-track repairs with free backup loans if necessary, our after-sales service contract includes a full annual service and regular maintenance cleaning, checking and adjustment to maintain your equipment.

For more information, please visit:

canon-europe.com/pro/services

Canon

PLEASE
RECYCLE