

Canon

# CONTENTS

The Canon Group	4
Canon's Corporate DNA	6

#### **Media & Content Creation**

Introduction	9
DSLR	10
Enter Mirrorless	11
EOS R System	12
Cinema EOS Cameras	14
Professional Camcorder	16
PTZ Cameras	17
Camera Lenses	18
Speedlite Flashes	22

#### Forensics & Tactical Photography

Introduction	25
Mirrorless Cameras	26
DSLR Cameras	28
Multi-Purpose Video Cameras	29
RF Lenses	30
Introduction to EOS VR System	31
Accessories & Software	32

#### **Evidence Gathering Teams (EGT)**

Camcorders	35
Mirrorless Ca	ameras 36
Printer Rang	e 37

#### **Covert Operations**

Introduction	39
Forensics & Technical Photograph	y 40
Forensic Lenses & Flashes	42
EF Lenses & Flashes	43
RF Lenses	44
Binoculars	46

#### Short Range Surveillance

Introduction		49
	Cameras	50
	PTZ Range	50
	Powershot Range	51
	Camera Bodies	52
	Video Cameras	53
	Lenses	54
	EF Lenses	55
	RF Lenses	56
	Remote Head / People-Counting Software	58

#### Long Range Surveillance

Introduction	01
DSLR Range	62
Mirrorless Range	64
Broadcast Lens Range	66
Cine Lens Range	67
IP-Based Products	68
Remote Head	69

#### **Special Firmware**

Introduction	7
Firmware for EOS R Cameras	7
Powershot Zoom Firmware Update	7

#### Training and After-Sales Service

Training	73
After-Sales Se	ervice 73

CANON EUROPE LTD 3 PUBLIC SECTOR BROCHURE

## THE CANON GROUP

Canon has been a leading name in imaging for over 80 years. A truly global brand with manufacturing facilities across Japan, the Americas, Europe, Asia and Oceania and over 187,000 employees, the company's digital imaging technology reaches beyond camera hardware and software into areas such as satellite development, medical advancements, smart cities, astronomy and growing the possibilities of print and industrial equipment.

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



## **Canon Group Companies**



#### Milestone (Aquired 2014)

A world-leading provider of open platform IP video management software (VMS), dedicated to deliver high quality business video platform software, for hardware and software partners to integrate into their video solutions for security and beyond. Over 500,000 installations in 27 countries worldwide.

More information: milestonesys.com



#### Axis (Aquired 2015)

The market leader in network video. A constant innovator in video surveillance, increasing the security of millions of people worldwide and helping to meet the growing 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 using the latest developments in cloud and Al technologies. Arcules is a device-agnostic platform with simple plug-and-play setup.

More information: arcules.com



#### **BriefCam** (Aquired 2018)

The industry's leading provider of Video Synopsis® solutions for rapid video review and search, real-time alerting and quantitative video insights. BriefCam's breakthrough technology detects, tracks, extracts and identifies people, objects, their attributes and behaviour from video.

More information: briefcam.com

# CANON'S CORPORATE DNA

Behind Canon's 85-year history and development as a business lies its corporate DNA: an emphasis on technology, and an enterprising spirit that the company has consistently passed on since its foundation.

The enterprising spirit on which Canon was started as a venture company, and the relentless drive to distinguish itself through technology, permeate the company and have continued to provide society with new advances. These motivating factors are in turn supported by a respect for humanity, which encompasses meritocracy and an emphasis on good health.

Canon is committed to passing its corporate DNA on to future generations to ensure the company grows for another 100, or even 200, years.



CANON EUROPE LTD 6 PUBLIC SECTOR BROCHURE



## Introduction

From producing compelling public information messaging to ensuring history is recorded with the highest level of fidelity, the use of imaging equipment plays a key role in government media and content creation.

Canon's decades of experience in producing professional photography, broadcast and filmmaking equipment makes it uniquely positioned to provide the entire range of camera bodies, lenses and accessories required for any media creation task.

Our equipment portfolio is highly adaptable with many 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.

CANON EUROPE LTD 9 PUBLIC SECTOR BROCHURE

## **DSLR**

With a larger body design and optical viewfinder that allows the user to preview the subject through the lens, a DSLR is excellent for fast moving subjects. Canon's EOS DSLR range offers traditional handling and a huge range of EF and EF-S lenses to choose from.



#### **EOS 6D Mark II**

Thanks to a 26.2MP full-frame sensor with excellent sensitivity and an all-weather build, this benchmark model delivers whatever the conditions. Built-in GPS can tag all images and videos with precise location details.









#### **EOS 5D Mark IV**

An uncompromising 30.3MP model with unrivalled video production heritage, the 5D Mark IV's excellent USB 3.0, NFC and Wi-Fi connectivity makes it easy to quickly share images and videos.









#### COMPACT

Also known as DSC or point-and-shoot cameras, Canon's extensive range of compact cameras are small and lightweight with built-in lenses and simple operation. They are flexible and usable with minimal training, while still offering strong image quality.

CANON EUROPE LTD 10 PUBLIC SECTOR BROCHURE



Compact, lightweight and built to meet the demands of both filmmakers and photographers, Canon's interchangeable lens mirrorless cameras offer the high image quality, traditional handling and creative flexibility of a DSLR in a more portable form.

#### **MIRRORLESS:** KEY ADVANTAGES OVER DSLR

#### **Lightweight and Compact**

Due to the removal of the prism and reflex mirror optical setup, mirrorless cameras are significantly smaller and more lightweight than a DSLR.

#### **Silent Shutter**

All EOS R System cameras support silent shooting, a key advantage for discreet photography in sensitive environments and settings.

#### **Electronic Viewfinder**

Replacing the optical viewfinder of a DSLR, an electronic viewfinder provides an accurate real-time simulation of the final exposure – before the shutter is even pressed. The EVF enable the user to see subjects in the dark where a classic D-SLR failed.

#### Compatible with EF/EF-S Lenses

The EOS R System allows full integration to EF and EF-S DSLR lenses via the Mount Adapters EF-EOS R as well as access to EOS accessories and Speedlite flashes.



Building on over three decades of continuous Canon innovation, the mirrorless EOS R System redefines the future frontiers of photography and filmmaking.

With CMOS sensors, 4K video recording, fast and accurate Dual Pixel autofocus, electronic viewfinders, built-in Wi-Fi and Bluetooth and support for the latest-generation RF lenses across the entire range, the EOS R System offers excellent photography and video performance in a series of lightweight, adaptable and easy-to-use camera bodies.

CANON EUROPE LTD 12 PUBLIC SECTOR BROCHURE



### EOS R6

The EOS R6 offers fast, silent stills shooting with high sensitivity for excellent performance in low-light conditions. Also able to record 4K video at up to 60fps, while up to 8 stops of image stabilisation and fast face- and eye-tracking autofocus make it simple and easy to use.

- > 20.1MP Sensor
  - Sensor > 4K Video
- > 100-102,400 ISO
- > EV -6.5 20 (at 23°C
- 20fps continuous shooting speed
- uous & ISO100)



## EOS R3

This all-weather professional hybrid captures broadcast-quality 6K RAW footage and its Eye Control autofocus keeps pace with the fastest action.

- > 24.1MP Sensor
- > 100-102,400 ISO
- > 30fps continuous shooting speed
- > 6K 12-bit RAW video
- > EV -7.5 20 (at 23°C & ISO100)



## EOS R5

The EOS R5's 45MP sensor captures incredible detail in both photos and videos, including 8K video footage at up to 30fps.

- > 45MP Sensor
- > 8K Video
- > 20fps continuous shooting speed
- > EV -6 20 (at 23°C & ISO100)



## **EOS** R

The introductory model from the pioneering EOS R System is exceptionally lightweight and easy to handle.

- > 30.3MP Sensor
- 8fps continuous shooting speed
- 4K Video
- > EV -6 18 (at 23°C & ISO100)



## EOS R5 C

A lightweight video-first hybrid with strong customisability and active cooling allowing it to shoot long cinematic videos.

- > 45MP Sensor
- Battery supports
  50 minutes
  8K recording
- > Unlimited 8K Video
- Shoots Cinema RAW Light



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



## EOS C300 Mark III

Equipped with a 4K S35mm sensor and DIGIC DV7 image processor, the EOS C300 Mark III delivers an exceptional high-resolution image with 16+ stops of latitude. It also has impressive low light capability of up to ISO 102,400, where the human eye cannot easily see.

- > EF Lens Mount
- **4K / 120fps**
- > Dual Pixel CMOS AF



## **EOS C70**

The EOS C70 is a lightweight RF Mount Cinema EOS System camera featuring Canon's 4K Super 35mm DGO sensor. Features 4K 120P Slow Motion, High Dynamic Range and fast Dual Pixel CMOS autofocus in a compact carbon fibre polycarbonate body.

- RF Lens Mount
- **4K / 120fps**
- Dual Pixel CMOS AF



### EOS C500 Mark II

The EOS C70 is a lightweight RF Mount Cinema EOS System camera featuring Canon's 4K Super 35mm DGO sensor. Features 4K 120P Slow Motion, High Dynamic Range and fast Dual Pixel CMOS autofocus in a compact carbon fibre polycarbonate body.

- > RF Lens Mount
- **4K / 120fps**
- > Dual Pixel CMOS AF

#### **CINEMA LENSES**

Canon's full frame cine-style lenses offer the level of build quality and optical standards sought after by documentary filmmakers.

Our range of seven Cine
Primes are perfect for
achieving a striking cinematic
look, each boasting an
11-blade diaphragm for
attractive bokeh effects and
excellent low light
performance, while our Cine
Zoom and Compact Cine
Zoom ranges offer the userfriendly flexibility of wideangle and telephoto zoom
focal lengths, covering the
range from 17mm to 1500mm.

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

CANON EUROPE LTD 15 PUBLIC SECTOR BROCHURE



PROFESSIONAL CAMCORDER



## XF605

The XF605 is a professional handheld camcorder for 4K production and broadcast, featuring a 1.0-Type CMOS sensor, 15x L-series wide-angle zoom lens and accurate, reliable Dual Pixel CMOS autofocus.

Lightweight and compact, it recordes exceptional quality 4:2:2 10-bit 4K HDR video to SD card, and can also output a 4K signal to an external monitor over a 12G-SDI or ethernet connection.



Canon's range of pan, tilt and zoom (PTZ) cameras offers a remote 4K production package with exceptional image quality in both indoor and outdoor environments. Get seamless remote control from either the Canon RC-IP100 hardware controller (up to 100 cameras) or a PC or tablet running our free application (up to 20 PTZ cameras).



#### **PTZ CR-N300**

The CR-N300 makes content creation simple. Equipped with a 1/2.3-inch CMOS sensor with 4K UHD resolution, 20x image stabilised optical zoom and a wide range of streaming and control protocols.



#### PTZ CR-N500

The CR-N500 boasts a 1.0-type 4K sensor and Dual Pixel CMOS AF, plus 15x optical zoom, image stabilisation and smooth pan and tilt to capture content in superb detail.



#### **PTZ CR-X500**

Capture incredible 4K footage in a variety of conditions with this weatherproof outdoor PTZ camera. Offers a 15x optical zoom, Dual Pixel autofocus and 12G-SDI connectivity.

CANON EUROPE LTD 17 PUBLIC SECTOR BROCHURE



## CAMERA LENSES

#### **BCTV LENSES**

Canon has been producing industry-leading lenses for professional broadcast for over 60 years.

Our 32-strong range of ENG/EFP lenses covers 2/3", 1/2" and 1/3" cameras covering wide to telephoto zoom, with many of the lenses supporting 4K UHD resolution as well as HDTV and SDTV resolutions.

We also offer a range of 16 Studio/Field broadcast lenses offering huge 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.

#### **BROADCAST LENSES**

Robust zoom lenses that meet 4K, HDTV and SDTV production standards.



#### **CJ12EX4.3B**

A 2/3" 4K wide angle lens with 12x zoom. Compact and lightweight, its focal length extends from an exceptionally wide 4.3mm to 52mm (or 104mm using the built-in 2x extender).



#### **CJ25EX7.6B**

A 2/3" 4K and HDR general-purpose lens covering a 25x standard zoom range of 7.6mm to 190mm (380mm with the built-in 2x extender). Magnesium alloy body for lightness and durability.

CANON EUROPE LTD 18 PUBLIC SECTOR BROCHURE

#### **RF LENSES**

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

Note that with the Canon Mount Adapter EF-EOS R, existing Canon EF and EF-S lenses can also be used with the EOS R system with full autofocus and metering capabilities.



#### RF 35MM F1.8 MACRO IS STM

A compact and quiet wide-angle prime lens with a fast f/1.8 aperture and macro capabilities for close focusing. Cost-effective and versatile.



#### RF 85MM F1.2L USM

The ultimate high-performance portrait lens, with exceptional sharpness and the ideal short telephoto focal length for flattering portraits.



#### RF 50MM F1.2L USM

A fast-focusing portrait lens offering excellent sharpness and a super-wide f/1.2 aperture that allows for an extremely shallow depth of field.

#### **EF LENSES**

Leading the market for over 30 years these lenses designed for Canon's extensive range of DSLR cameras, EF lenses offer wide maximum apertures, full-frame coverage and a variety of focal lengths.

Can also be used on EOS R mirrorless camera bodies with Canon Mount Adapter EF-EOS R, which maintains autofocus and metering capabilities.



#### EF 50MM F/1.2L USM

A consummate low-light performer with superb detail and silent autofocus, this portrait lens allows fine creative control over focusing and depth of field.



#### **EF 85MM F/1.4L IS USM**

This short-telephoto lens is prized by portrait photographers for its detail, highly adjustable depth of field, fast, quiet autofocus and smooth background bokeh.



## RF 24-105 F4L IS USM

When flexibility is key, this high-quality L-series lens has everything covered: its 24-105mm range takes in wide-angle, standard and telephoto focal lengths, so there's no need to switch lenses to get the shot. Offers fast, smooth and silent Nano USM autofocus, 5-stop image stabilisation and a weather-sealed build.

#### **RF ZOOMS:** THE TRINITY

Three essential RF zoom lenses that cover practically every potential shooting situation. 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 a robust, 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





#### **EF ZOOMS: THE TRINITY**

A trio of professional-quality, weather-sealed catch-all lenses for EOS DSLRs. Covering all the bases from ultra-wide to telephoto, this trinity of lenses can tackle virtually any photography or video assignment.



EF 16-35MM F/2.8L III USM ULTRA-WIDE ZOOM



EF 24-70MM F/2.8L II USM STANDARD ZOOM



EF 70-200MM F/2.8L IS III USM TELEPHOTO ZOOM WITH IMAGE STABILISATION



#### **MOUNT ADAPTER EF-EOS R**

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

CANON EUROPE LTD 21 PUBLIC SECTOR BROCHURE



Take control of lighting and shoot in any situation with a Canon Speedlite flash.

## **SPEEDLITE 600EX II-RT**



This robust and reliable professional flash can be used both off-camera or in the hot shoe thanks to wireless and optical line-of-sight shooting support. Lightweight, portable and weather-sealed, with simple, intuitive controls. Compatible with Canon DSLR and EOS R cameras.

#### Benefits

- Easy to use
- Lightweight build
- Covers 20-200mm focal length
- Off-camera operation

CANON EUROPE LTD 22 PUBLIC SECTOR BROCHURE

## **SPEEDLITE EL-1**



Precise and dependable, the EL-1 delivers superb performance in tough weather-resistant body. Active cooling keeps it shooting for longer and a high-performance battery allows for recycle times of as little as 0.9 seconds, ensuring it's always ready for the next shot. Compatible with Canon DSLR and EOS R system cameras.

#### Benefits

- > Active cooling prevents overheating
- > Ultra-fast recycle times
- > Uses rechargeable Li-ion battery
- > All-weather build
- > Wireless operation



## Introduction

When injuries occur or equipment is damaged through accident, negligence or foul play, creating a detailed and accurate forensic record (with full metadata and ISO standards adherence, in order to preserve the integrity of the evidence chain) is a vital part of any subsequent investigation.

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

Using Canon lenses and Canon bodies together ensures consistency with colour representation and light output. and the weather sealing on our equipment keeps out potential contaminants like dust as well as water. Many Canon bodies also support tethered photography, allowing forensic images to be instantly transmitted to and viewed on the large Similarly important is the documenting screen of a nearby tablet or computer.

> Our comprehensive after-sales service. available throughout Europe, means all your Canon products can be regularly maintained and quickly repaired to further ensure consistency.

**CANON EUROPE LTD PUBLIC SECTOR BROCHURE** 



Compact, lightweight and built to meet the demands of both filmmakers and photographers, Canon's interchangeable lens mirrorless cameras offer the high image quality, traditional handling and creative flexibility of a DSLR in a more portable form.

#### **MIRRORLESS:** DIFFERENCES TO DSLR

#### **Lightweight and Compact**

Due to the removal of the prism and reflex mirror optical setup, mirrorless cameras are significantly smaller and more lightweight than a DSLR.

#### **Silent Shutter**

All EOS R System cameras support silent shooting, a key advantage for discreet photography in sensitive environments and settings.

#### **Electronic Viewfinder**

Replacing the optical viewfinder of a DSLR, an electronic viewfinder provides an accurate real-time simulation of the final exposure and allows the photographer to see the subject even in darkness.

#### Compatible with EF/EF-S Lenses

The EOS R System allows full integration to EF and EF-S DSLR lenses via the Mount Adapters EF-EOS R as well as access to EOS accessories and Speedlite flashes.



### EOS R5

A 45MP sensor captures incredible detail, including 8K video footage, while the EOS R5's FTP and FTPS can send photos to a remote location via built-in Wi-Fi or the even faster WFT-R10 Wi-Fi grip (which also offers a wired Ethernet port).



#### EOS R3

This 24MP model is built for speed with 30fps stills shooting and fast, accurate autofocus. Its high sensitivity (expands to ISO 204,800) is suitable for challenging lighting conditions, wired and wireless tethering comes as standard and it's completely sealed against rain and dust.



#### EOS<sub>R6</sub>

The 20MP EOS R6 offers fast, silent 20fps stills shooting with high sensitivity for excellent low-light performance. Like the EOS R3 and EOS R5, the R6 features a full-frame sensor in a compact body.



#### EOS R7

Brand-new for 2022, this model offers a smaller APS-C sensor that keeps weight down (612g without a lens) while retaining speed and accuracy. Shoots 4K/60p video and 32.5MP stills at up to 30fps.



#### **EOS R10**

Even lighter than the R7 (429g without a lens), the new R10 is an ideal body for everyday use. Affordable, fast, compact and offering simple operation, it can cover a majority of video and photo tasks.

CANON EUROPE LTD 26 PUBLIC SECTOR BROCHURE



With a larger body design and an optical viewfinder allowing the user to preview the subject through the lens, a traditional DSLR remains a flexible and reliable professional photographic workhorse. Canon's EOS DSLRs offer familiar handling and controls, while a huge range of EF and EF-S lenses allow them to tackle any shooting situation.



#### **EOS 5D Mark IV**

With a 30MP full-frame sensor that captures and preserves high detail, even in poor lighting, the EOS 5D Mark IV can embed all shots with GPS and IPTC metadata and share them instantly to tethered devices via Wi-Fi and NFC.



#### **EOS 7D Mark II**

The EOS 7D Mark II features a 20.2MP APS-C sensor and 150,000-pixel metering sensor to ensure consistent and detailed exposures in challenging conditions. It's also weather-proof and includes GPS for accurate location tagging.



#### **EOS 90D**

A 32.5MP APS-C sensor, accurate autofocus, a 220,000-pixel RGB+IR metering sensor and strong low light performance, mean the EOS 90D can be relied upon in difficult conditions. Offers excellent 1,300-shot battery life (according to CIPA standards).

## MULTI-PURPOSE VIDEO CAMERAS

Multi-purpose video cameras are small, lightweight and versatile, with multiple interfaces and remote control options that allow them to be set up for a wide range of applications and installed in hard-to-reach places.



#### ME20F-SH / ME20F-SHN

With a maximum ISO in excess of 4,000,000 from a full-frame 2.26MP CMOS sensor, the ME20F-SH and ME20F-SHN can capture sharp Full HD colour or infrared video in almost total darkness. They support a wide range of EF and Cine Servo lenses across the Canon range and the ME20F-SHN's Ethernet connection allows remote operation of camera settings, monitoring and recording from a computer or mobile device.



#### **ML-105 AND ML-100**

Durable and dust, water and shock resistant to IP54 specifications, the ML-100 and ML-105 measure from just 76 x 76 x 83mm and weigh from 550g (ML-100M58), despite offering a powerful full-frame 2.07MP CMOS sensor with incredible low light sensitivity of over 4,000,000 ISO. Available in EF or M58 mount and SDI or CoaXPress video variations, giving it access to a wide range of 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.



#### RF100mm F2.8L Macro IS USM

Class-leading 1.4x magnification and 26cm close focusing makes this the ideal macro lens for highly detailed close-up forensic photography, while automatic focus bracketing (built into EOS R3, R5, R6 and RP bodies) provides front-to-back sharpness even at high apertures. Offers up to 5-stop image stabilisation.



#### RF24-70MM F2.8L IS USM

Fast, versatile and weather-proof, this professional zoom lens covers the popular 24-70mm range, maintaining its large f/2.8 aperture at any focal length for strong low light performance. It can focus on subjects as close as 21cm and offers 5-stop image stabilisation for sharper images when shooting handheld.



#### RF600MM F11 IS STM AND RF800MM F11 IS STM

Providing ultimate reach in an exceptionally lightweight and compact form, these super telephoto lenses are ideal for shooting far-off subjects with fine detail. With built-in image stabilisation (5-stop on RF600mm, 4-stop on RF800mm) and fast autofocus, they deliver sharp results without requiring the use of a tripod.

**CANON EUROPE LTD PUBLIC SECTOR BROCHURE** 

## **INTRODUCTION TO EOS VR SYSTEM**

When combined with an EOS R5 body and the Canon EOS VR Utility, the revolutionary RF5.2mm F2.8 L Dual Fisheve lens makes creating a highly detailed virtual replica of any location simpler than ever.

The workflow is efficient and fast: when a photo or video is captured on 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 and affordable setup that can be used to capture crime scenes and other environments that can later be explored in immersive, highly detailed VR. Ideal for creating training programmes and simulations, as well as for forensic work.



#### **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

# ACCESSORIES & SOFTWARE

#### MACRO RING FLASH

Specifically designed to be used with macro lenses, Canon's Twin Lite and Ring Lite offer versatile and effective lighting for close-up photography.



## 0

#### **MACRO TWIN LITE MT-26EX-RT**

A powerful twin flash system with fast, silent recycling for working quickly. Each of the two flashes can be individually positioned on the ring to suit the subject, or even removed and placed externally.

#### **MACRO RING LITE MR-14EX II**

An easy-to-use ring flash with dual flash tubes allowing uniform lighting of small subjects in close-up photography. Each flash tube can be individually adjusted through a six-stop brightness range.

#### **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**

By analysing hundreds or thousands of still images of the same physical object or environment taken from different angles and positions, it's possible to create a highly accurate 3D model representation of it; this process is known as 3D photogrammetry, which can be a highly effective method of recreating crime scenes for forensic analysis.

Using Canon's EOS Digital SDK and a computer, it's possible to control a rig of dozens or even hundreds of EOS cameras and lenses to quickly and reliably capture all the data necessary to recreate a digital replica of an environment or object later; this data can even be sent to a 3D printer, in order that a physical scale model of the scene or object can be created.

#### **PRINTER RANGE**

From professional A2 printers to portable models for instant prints in the field, Canon's huge printer range has everything a forensics team could need.





#### **SELPHY CP1300**

Print highly detailed, gallery-quality images at A3 or A2 size. The go-to models for nocompromise professional prints.



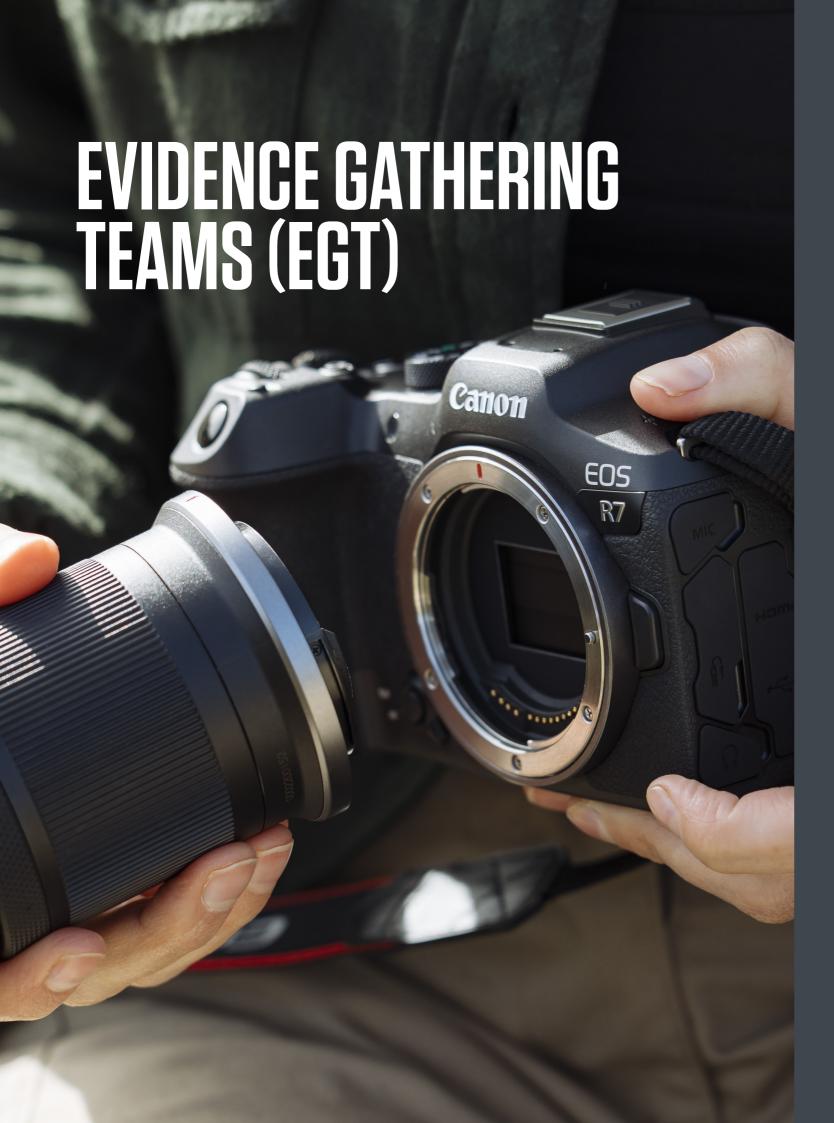
- > PIXMA PRO-200
- imagePROGRAF PRO-300
- imagePROGRAF PRO-1000



#### PIXMA TR150

Portable, rugged, battery-powered model for printing on the move. Prints wirelessly from PC, laptop or smart device in up to A4 size.

CANON EUROPE LTD 33 PUBLIC SECTOR BROCHURE



## **CAMCORDERS**

Compact, lightweight and simple to operate, even when wearing gloves and body armour, Canon's XA professional camcorders are ideal for high-quality capture of evidence at crime and accident scenes; for monitoring crowds, demonstrations and large sporting events; and for use as general-purpose patrol cameras.

XA camcorders feature a wide range of modern and legacy connectivity, allowing them to be easily incorporated into the latest digital or older analogue workflows. They also offer dual SD card recording to keep your evidence chain intact: one card can be kept as a master copy; the other can be sealed in an evidence bag.



#### **XA40 AND XA45**

This ultra-compact, lightweight palm-sized 4K camcorder offers a 20x optical zoom lens for excellent reach, as well as an infrared mode to capture clear video in conditions with little to no ambient light. Identical but for the inclusion of 3G-SDI connectivity on the XA45 model.

- records in darkness with infrared
- > modern and legacy connectivity
- weighs 1.2kg
- dual SD card slots



#### **XA11 AND XA15**

Designed for situations where speed and mobility are key, the XA11 and XA15 offer a 20x optical zoom, infrared shooting and high-quality Full HD recording in a choice of professional formats (AVCHD and MP4). The XA15 model offers a 3G-SDI interface for external recording.

- > records in darkness with infrared
- modern and legacy connectivity
- > weighs 1.1kg
- dual SD card slots

CANON EUROPE LTD 35 PUBLIC SECTOR BROCHURE



MIRRORLESS CAMERAS

Canon EOS-R mirrorless cameras are hugely flexible: not only can they shoot both stills and video, but their ability to be fitted with a huge range of lenses means they can be kitted out for different tasks - or just paired with a lightweight kit lens for general work.



#### **EOS R7 AND R10**

New for 2022, these camera bodies offer excellent detail (including 4K/60p video recording on the Artemis), fast autofocus, simple operation and superb portability. Work with the full range of EOS RF and RF-S lenses out of the box, as well as EF and EF-S lenses via a mount adapter.

- compact APS-C sensors shoot still images at up to 30fps
- weigh 612g and 429g
- 32.5 megapixel (EOS R7)
- 25.5 megapixel (EOS R10)



## PRO PRINTER RANGE

Ensure consistency is maintained from input to output with the Canon Pro range of professional photo printers. The ideal models for creating clear, detailed, no-compromise hard copies of stills shot on Canon cameras.



#### imagePROGRAF PRO-1000

Gallery quality printing unleashed. The A2 desktop printer with class-leading colour and fidelity.



#### **PIXMA PRO-200**

Affordable, fast, lightweight and compact 8-ink dye-based printer with simple controls. Creates high-quality A3+ prints.



#### imagePROGRAF PRO-300

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

**CANON EUROPE LTD PUBLIC SECTOR BROCHURE** 



## Introduction

When intelligence, military or law enforcement services want to gather evidence, Canon's range of photography, videography and surveillance equipment is more than equal to the task thanks to excellent optics, colour accuracy and low light capabilities.

The wide product range covers cameras with remote control and night vision capabilities, high quality super telephoto lenses and professional binoculars.

CANON EUROPE LTD 39 PUBLIC SECTOR BROCHURE



## TECHNICAL PHOTOGRAPHY

Canon's wide range of cameras incorporates everything from PowerShot pointand-shoots to palm-sized professional camcorders with infrared capabilities. The range also includes traditional DSLRs like the EOS-1D X Mark III and our newer EOS R mirrorless cameras, offering much of the same benefits of DSLR - high image quality and the flexibility of interchangeable lenses - in a smaller, lighter body with silent shutter photography.



#### **PowerShot G1 X Mark III**

A premium pocket-sized camera with excellent low light performance thanks to its large DSLR-quality APS-C image sensor. A perfect multi-purpose device that incorporates a 3x optical zoom lens, simple control setup and foldable vari-angle screen.



#### **EOS-1D X Mark III**

The fastest DSLR in our range, with 20fps continuous shooting and superb performance in poor lighting conditions. Shoots 5.5K RAW video footage with huge levels of detail. Weather-sealed for outdoor use and equipped with an optical viewfinder.

CANON EUROPE LTD 40 PUBLIC SECTOR BROCHURE

#### **EOS R RANGE**



### EOS R6

A compact and lightweight mirrorless camera with silent stills shooting at up to 20fps, ISO 102,400 for clear results in low light and up to 8 stops of image stabilisation for sharp long exposures without the need for a tripod.

- > 20.1MP Sensor
- > 4K Video
- > 100-102.400 ISO
- > EV -6.5 20 (at 23°C & ISO100)



### EOS R3

A fast mirrorless camera with 30fps continuous silent shooting and high sensitivity for sharp, detailed results in low light and highly responsive Eye Control autofocus. Shoots video at 6K RAW, leaving the user plenty of scope for cropping into important details later.

#### **VIDEO CAMERA RANGE**



#### XA VIDEO CAMERAS:

XA11, XA15, XA40 AND XA45

Canon's palm-size professional camcorders are lightweight (1.2kg or less), discreet and easy to operate while offering excellent video quality (Full HD for the XA11 and XA15, 4K Ultra HD for the XA40 and XA45). All XA cameras feature an infrared mode able to capture clear footage in the dark, dual SD card storage and a 20x optical zoom to get closer to your subject.

## FORENSIC LENSES & FLASHES

Canon's wide EF range, designed for our EOS DSLR camera bodies (but fully compatible with EOS R mirrorless cameras via an adapter), is one of the most comprehensive in the world: 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, both of which make them ideal for shooting video as well as stills.

Both EF and RF lenses offer image stabilisation, compensating for motion when shooting handheld or from a moving vehicle; when fitted to EOS R cameras with their own built-in image stabilisation, this effect can be boosted even further.

L series lenses, available across both our EF and RF ranges, are the best of the best: not only do they offer excellent optics and large apertures for better low light performance, but also robust, weather-sealed build quality for reliable operation in the field.

#### **EF LENS RANGE**



#### EF 50MM F/1.2L USM

With its incredible f/1.2 maximum aperture, the super fast EF 50mm f/1.2L USM is a consummate low-light performer. A ring-type ultrasonic motor drives autofocus extremely quickly, and in near silence. Excellent holding torque ensures the point of focus is reached accurately, without overshooting.

#### **EF MACRO LENS RANGE**



#### EF 100mm f/2.8L Macro IS USM

Capture incredibly detailed and sharp closeup photos with this 1:1 magnification macro lens, able to focus on subjects as close as 0.3m away. Offers fast, silent USM autofocus, up to 4-stop image stabilisation and weathersealed build quality.

Can be fitted directly to an EF-mount DSLR camera, or to an RF mount mirrorless camera with the Canon Mount Adapter EF-EOS R.



#### Macro Ring Lite MR-14EX II

This dual-tube ring flash offers uniform lighting of small subjects in close-up photography. Each flash tube can be individually adjusted through a six-stop brightness range.



CANON EUROPE LTD 43 PUBLIC SECTOR BROCHURE



#### **RF LENS RANGE**



#### RF 50MM F1.2L USM

This high-performance 50 mm f/1.2 L-series prime lens offers supreme sharpness and low-light performance. This lens is highly versatile and can focus down to just 0.4 m, letting you get closer to your subject with its wide 10-bladed circular aperture.



#### RF 85MM F1.2L USM

The ultimate high-performance portrait lens, with exceptional sharpness and the ideal short telephoto focal length for flattering portraits.



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

This compact, lightweight zoom lens' versatile 100-500mm range keeps moving subjects framed, with excellent sharpness and contrast delivered no matter the focal length. 5-stop image stabilisation within the lens improves handheld performance, even with longer exposures at full zoom. Offers the L-series' traditional robust, weather-sealed construction.



#### RF 400MM F2.8L IS USM

A professional super-telephoto prime lens built to exacting L-series standards and offering excellent image quality. Benefits from up to 5.5 stops of image stabilisation and smooth, near-silent autofocus operation.



#### RF 600MM F4L IS USM

Bring far-off subjects close with this 600mm super-telephoto L-series lens. Its wide f/4 aperture 5.5 stops of image stabilisation keep images clear and sharp, even when the available light is less than ideal.

CANON EUROPE LTD 45 PUBLIC SECTOR BROCHURE



## **BINOCULARS**

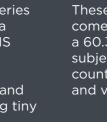
Canon binoculars get you closer in superb quality with a choice of magnification, weatherproofing and portability, while image stabilisation automatically keeps your view steady for fatigue-free observation.

#### **BINOCULAR RANGE**



#### **10X42L IS WP**

These 10x binoculars offer premium L-series optics and a large 4.2mm exit pupil for a bright image and feature outstanding JIS Grade 7 waterproofing for the toughest outdoor conditions. Canon's image stabilisation technology, which detects and then counteracts hand movements using tiny gyros, ensures the 10x42L IS provides a remarkably stable field of view.





#### **18X50 IS AW**

These JIS Grade 4 all-weather binoculars come with high-power 18x magnification and a 60.3° field of view to make spotting subjects easier. Canon's IS technology counteracts shake from moving hands and vehicles.



#### 12X32 IS

Able to switch between standard and powered image stabilisation modes, these 12x binoculars use the same lens-shift technology as Canon's L-series lenses. Use standard AA batteries for up to 10 hours of continuous powered stabilisation.

CANON EUROPE LTD 47 PUBLIC SECTOR BROCHURE



## Introduction

This section details the Canon photo and video equipment ideal for covert surveillance of distances up to 1.5km during day or night: this includes compact cameras, DSLR and mirrorless camera bodies and lenses, camcorders and remote control multi-purpose video cameras. Camera size is imperative here, due to the nature of the activities, as is the ability to function in all lighting conditions and sometimes without direct, hands-on control.

While video equipment dominates this section, it should be noted that many of the products are highly capable at both video and still image capture.

CANON EUROPE LTD 49 PUBLIC SECTOR BROCHURE



From the flexibility afforded by DSLR and mirrorless EOS R interchangeable lens cameras to the all-in-one convenience of a PowerShot compact or superzoom, the ease of use of our small professional camcorders to the incredible low light capabilities of our multi-purpose cameras, you'll find the perfect tools for any short-range surveillance task here.

#### PTZ RANGE



#### CR-X500

This durable PTZ (Pan, Tilt and Zoom) camera captures exceptionally detailed 4K UHD footage in a variety of weather and temperature conditions. Ideal for outdoor monitoring and broadcasting (its built-in wiper ensures the lens is always clear of debris and water), this remote controllable camera offers a 15x optical zoom for added reach and Dual Pixel AF to ensure subjects remain in sharp focus, plus a capable 12G-SDI output for transferring high-quality footage to an external recorder.

CANON EUROPE LTD 50 PUBLIC SECTOR BROCHURE

#### **POWERSHOT RANGE**



#### **POWERSHOT ZOOM**

This discreet, lightweight pocket-sized superzoom is the perfect covert recorder. Offering 100mm and 400mm focal lengths plus a 2x digital zoom to expand the reach to 800mm, it records Full HD footage and 12MP stills and features optical 4-axis image stabilisation to counteract camera shake, as well as fast and convenient USB-C charging. Enhanced low light capabilities, extended video recording time and time-stamped image can be boosted added through special firmware.



#### **POWERSHOT SX70 HS**

This fixed-lens superzoom camera boasts remarkable reach thanks to its 65x optical zoom (equivalent to 21-1356mm in standard 35mm terms) with 130x digital ZoomPlus feature, allowing it to shoot everything from close-ups to extreme super telephoto 20.3MP stills and 4K UHD video. Features classic DSLR-style handling, 10fps continuous stills shooting and RAW capture. Can be set up for long operations with special firmware.

#### **CAMERA BODIES**



#### **EOS 90D**

This inexpensive workhorse DSLR is built around a 32.5MP APS-C sensor that gives any lens 1.6x the telephoto reach it would have on a full-frame camera. Other advantages include the classic DLSR control layout, handling and bright optical viewfinder, fast autofocus that works excellently in low light and access to a huge range of Canon EF lenses.



#### EOS R6

With blistering (and silent) 20fps shooting speed, excellent low-light sensitivity up to ISO 102,400 and up to 8 stops of image stabilisation, the EOS R6 is a powerful and versatile camera compatible with dozens of RF and (with an adapter) EF lenses. Images and videos can be saved to dual internal SD cards, or recorded by an external device using the micro HDMI output.



#### EOS R5 C

A video-first hybrid offering exceptionally detailed 8K RAW footage in a lightweight and easy-to-use body with dust and moisture resistance. Compatibility with RF and (via adapter) EF lenses makes it a versatile tool for observation and reconnaissance, and the superb levels of detail in its footage enables the grabbing of high-quality individual frames after shooting.





#### **VIDEO CAMERAS**



#### **XA40**

Palm-sized, easy to use professional 4K camcorder with 20x optical zoom and built-in infrared light for recording in darkness. The pre-recording function starts recording 3 seconds before the stop/start button is pressed, ensuring nothing is missed. Content is stored on dual SD cards rather than internally, with small file sizes making for easy editing.



#### ME20F-SH / ME20F-SHN

With a maximum ISO in excess of 4,000,000 from a full-frame 2.26MP CMOS sensor, the ME20F-SH and ME20F-SHN can capture sharp Full HD colour or infrared video in almost total darkness. They support a wide range of EF and Cine Servo lenses across the Canon range and the ME20F-SHN's Ethernet connection allows remote operation of camera settings, monitoring and recording from a computer or mobile device.



#### **ML-105 EF**

At 76mm x 76mm x 112mm and 775g (without a lens) and built to IP54 standards to withstand dust, water and extreme temperatures, this tiny multi-purpose Full HD video camera can be set up almost anywhere. With excellent flexibility thanks to its popular EF lens mount, it can shoot at ISO 4,000,000 for clear, detailed low-light recording in full colour or infrared. Compatible with Remote Controller RC-V100.

CANON EUROPE LTD 53 PUBLIC SECTOR BROCHURE



Canon's huge EF lens range, designed for EOS DSLR camera bodies (but fully compatible with EOS R mirrorless cameras via the Mount Adapter EF-EOS R), is one of the most comprehensive in the world: there's an EF lens for every job.

Our 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, both of which make them ideal for shooting video as well as stills.

Both EF and RF lenses offer image stabilisation (IS), compensating for motion when shooting handheld or from a moving vehicle; when fitted to EOS R cameras with their own built-in in-body image stabilisation, the IS effect is boosted even further - up to 8 stops of compensation in some cases.

L series lenses, available across both our EF and RF ranges, are the best of the best: not only do they offer excellent optics and large apertures for excellent low light performance, they are robustly built and weathersealed for reliable operation in the field.

CANON EUROPE LTD 54 PUBLIC SECTOR BROCHURE

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

This compact and versatile all-weather supertelephoto zoom lens covers a wide range of focal lengths, getting closer to far-off subjects and delivering sharp, high-contrast results across the board. Its USM autofocusing is fast and near-silent, and 4-stop image stabilisation counteracts camera shake when shooting handheld.



#### EF 800MM F/5.6L IS USM

Ideal for surveillance use, this large supertelephoto lens has huge magnification, 4-stop image stabilisation (with tripod detection) and near-silent USM focusing. Tough, moisture-resistant L-series construction makes it more than suited to lengthy in-field deployments both indoors and outdoors.



#### **RF LENS RANGE**

Optimised for the full-frame EOS R mirrorless camera system and ideal for stills and video capture, Canon RF lenses are quiet, fast-focussing and bright, offering high levels of intuitive control.



#### RF 50MM F1.8 STM

Affording the same field of view as the human eye this compact, lightweight and inexpensive prime lens delivers sharp, detailed image quality even in low-light conditions. An STM motor provides near-silent autofocus, while the large f/1.8 aperture allows for faster shutter speeds and cleaner captures in tricky lighting conditions.



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

This compact, lightweight zoom lens' versatile 100-500mm range keeps moving subjects framed, with excellent sharpness and contrast delivered no matter the focal length. 5-stop image stabilisation within the lens improves handheld performance, even with longer exposures at full zoom. Offers the L-series' robust, weather-sealed construction.



## RF 600MM F11 IS STM AND RF 800MM F11 IS STM

Providing excellent reach in an extremely lightweight and compact form, these super telephoto lenses are ideal for shooting far-off subjects with fine detail. With built-in image stabilisation (5-stop on RF600mm, 4-stop on RF800mm) and fast autofocus, they deliver sharp results without requiring the use of a tripod. They can be used with extenders for even further reach.



## RF 800MM F5.6L IS USM AND RF 1200MM F8L IS USM

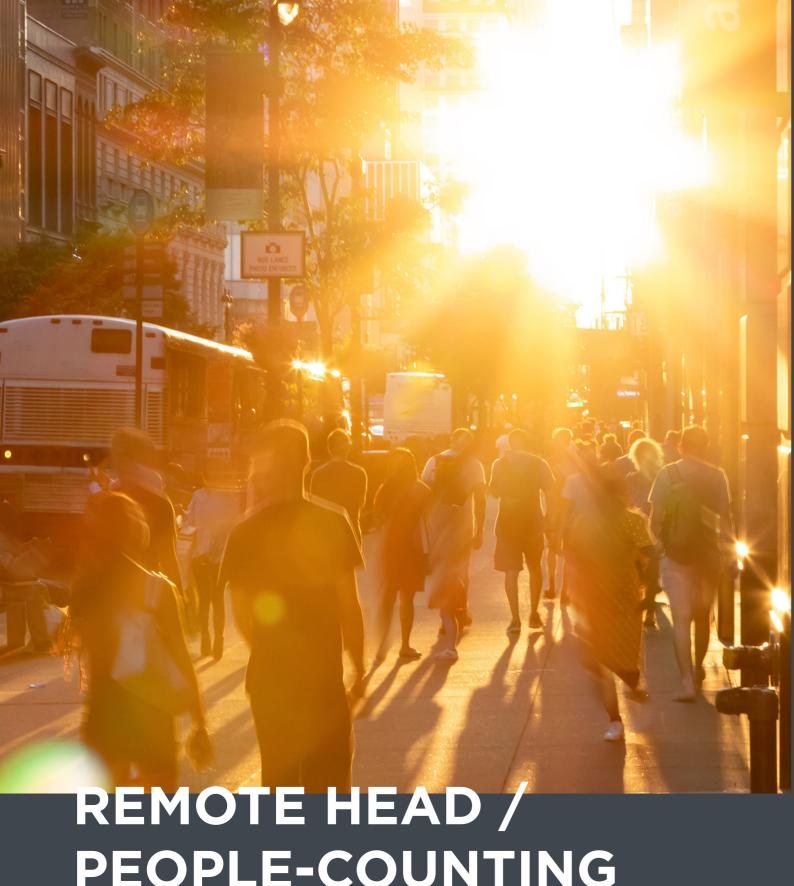
The ultimate super telephoto primes offer incredible reach, uncompromising image quality and the L-series' weatherproof construction but remain lightweight enough for handheld use (an RF 800mm mounted on an EOS R3 weighs approx 24.2kg). They can be combined with extenders for further reach and their heat shield coating improves autofocus performance in hot weather conditions.



## EXTENDER RF 1.4X

This lightweight extender adds extra magnification and reach to your RF telephoto lenses without impacting image performance. Designed specifically to be used with the 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, and features the same level of rugged, weather-proof build quality as L-series lenses.





# PEOPLE-COUNTING **SOFTWARE**

#### **REMOTE HEAD RANGE**



#### **ROBOTIC CAMERA SYSTEM CR-S700R**

A pan, tilt and zoom remote control solution for stills photography, compatible with Canon interchangeable lens cameras including the EOS-1D X Mark III and EOS R3. Requiring a small operating footprint of approximately 26cm radius (excluding the attached camera and lens), it can be installed in tight spaces and remotely controlled and monitored via Ethernet or IP (using a CR-G100 module); intuitive controls allow for movement via an optional joystick or gaming controller, and multiple CR-S700R remote heads can be controlled and monitored from a single computer.

#### PEOPLE-COUNTING RANGE

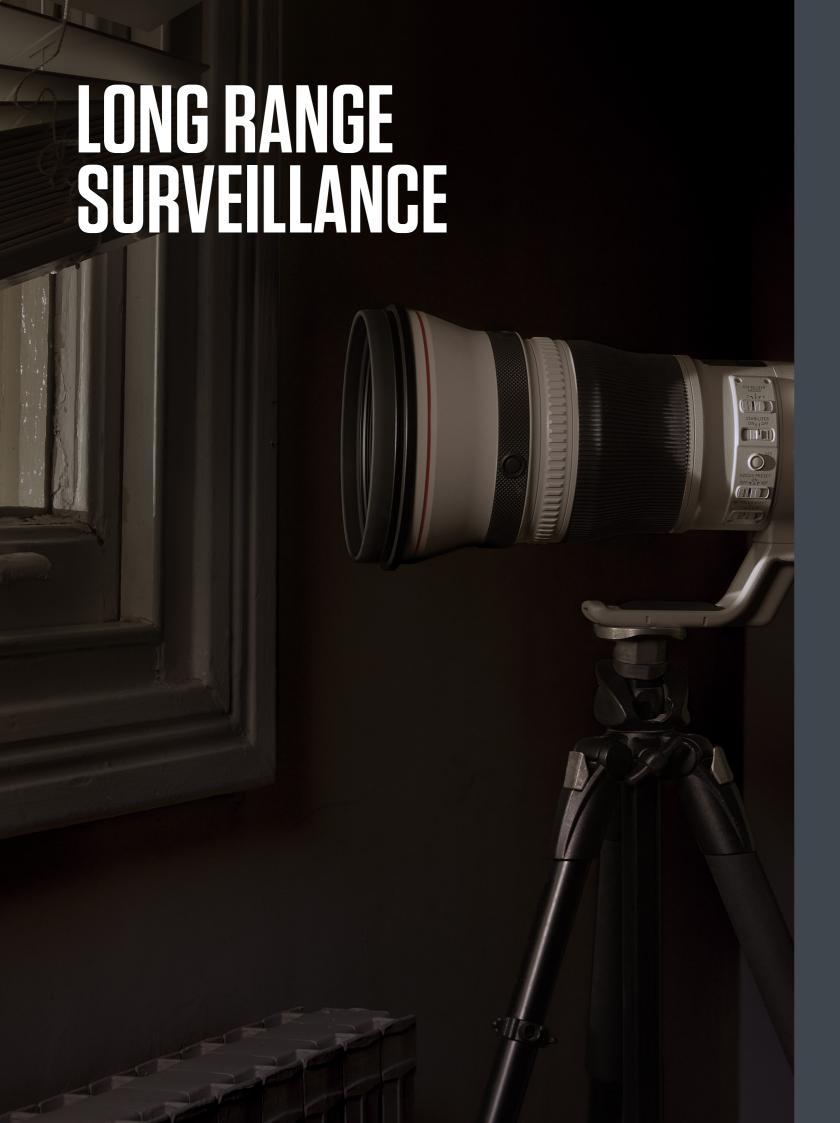


#### **CANON CROWD PEOPLE COUNTER**

The Crowd People Counter can quickly and accurately count large numbers of people in a predefined area for a real-time response or statistical data. By visually measuring crowds using easy to deploy security cameras and its proprietary AI technology, it can be deployed in wide open spaces such as live events, public transport and urban open areas, and is able to count thousands of people in a matter of seconds.

Available for Windows and Milestone XProtect software.

**CANON EUROPE LTD PUBLIC SECTOR BROCHURE CANON EUROPE LTD PUBLIC SECTOR BROCHURE** 



## Introduction

For long-range surveillance, where the subjects are 1.5km or more from the camera equipment, different methods and tools are required. As well as the extra magnification and image quality necessitated by the longer distances, products may need to be left hidden and/or unattended in the field for days, weeks or even months while they collect data, making build quality, size and remote connectivity key considerations.

In the following pages you'll find compact, robust camera bodies and powerful super- and ultra-telephoto lenses to bring far-off subjects close in sharp detail.

CANON EUROPE LTD 61 PUBLIC SECTOR BROCHURE





#### **EOS-1D X MARK III**

The fastest DSLR in Canon's entire range, with 20fps continuous stills shooting and superb imaging performance even in poor lighting conditions. Shoots 5.5K RAW video footage with huge amounts of detail, allowing for small areas to be cropped later while still retaining clarity. Other benefits include its rugged, weather-sealed build for outdoor use and compatibility with the huge range of Canon EF lenses.

#### **CANON EF TELEPHOTO LENS RANGE: ZOOM**

These L-series telephoto zooms offer flexibility across an extensive focal length range.



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



EF 200-400MM F/4L IS USM

CANON EUROPE LTD 62 PUBLIC SECTOR BROCHURE

#### **CANON EF TELEPHOTO LENS RANGE: PRIME**

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



EF 800MM F/5.6L IS USM



EF 400MM F/5.6L USM



EF 400MM F/2.8L IS III USM



EF 500MM F/4L IS II USM



EF 600MM F/4L IS III 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





#### EOS R5

With a 45MP full-frame sensor offering the highest resolution image capture of the EOS R mirrorless range, the EOS R5 can record crystal clear 8K DCI RAW video footage with low noise and high dynamic range - perfect for cropping later without losing visible details. Also shoots stills at up to 20fps and supports Wi-Fi and FTP/FTPS for wireless remote shooting. Works with Canon RF and (with the Canon Mount Adapter EF-EOS R) EF lenses.



#### EOS R5 C

This variant of the EOS R5 puts the focus on video while maintaining a lightweight and compact build. It can capture 8K/60fps footage in the exceptionally detailed Cinema RAW Light format, while its active cooling system allows it to operate for long periods of time without overheating. The EOS R5 C's footage is extremely sharp and clean, enabling operators to extract individual frames after capture for use as still images.

#### **CANON RF TELEPHOTO LENS RANGE: ZOOM**

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







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

#### **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



**RF 800MM** F5.6L IS USM

#### **EXTENDERS**

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



**EXTENDER RF 1.4X** 



**EXTENDER** RF 2X

## BROADCAST LENS RANGE

Designed for broadcast video cameras with 2/3" sensors, these lightweight and compact B4 mount ultra-telephoto zoom lenses can also be fitted to EOS DSLR and R camera bodies using optional mount adapters.



#### CJ18EX28B IASE S

A compact, durable and lightweight (2.76kg) professional broadcast zoom lens with 4K resolving power and 18x telephoto zoom, plus a built-in 2x extender to double magnification. Covers a 28-500mm focal length range (56-1000mm with extender) with maximum f/2.8 aperture for dependable low light performance.



#### CJ45EX13.6B IASE-V H

A relatively small, slim and lightweight (5.64kg) professional broadcast zoom lens with 4K resolving power and 45x telephoto zoom, plus a built-in 2x extender to double its reach. Covers a versatile 13.6-612mm focal length range (27-1224mm with extender) with maximum f/2.8 aperture for excellent low light performance.



Designed for movie making and broadcast TV but able to be attached to EF mount DSLRs and tiny multi-purpose cameras for surveillance applications, these Cine-Servo zoom lenses offer exceptional range and image quality.



#### **CN10X25 IAS S E1**

Capable of fully resolving 4K and 8K footage thanks to its exceptional optical quality, this 10x zoom lens offers a focal length range of 25-250mm (or 37.5-375mm with its built-in 1.5x extender). Weighs 3.06kg, has a detachable drive unit and supports full EF mount communication.



#### **CN20X50 IAS H E1**

A versatile ultra-telephoto 20x zoom lens with an unrivalled 50-1000mm focal length range (75-1500mm when using the built-in 1.5x extender) and superb optical accuracy for 4K recording. Comes with an EF mount and detachable servo drive unit and weighs just 6.6kg.

CANON EUROPE LTD 66 PUBLIC SECTOR BROCHURE



IP-BASED PRODUCTS

By pairing a Canon multi-purpose camera like the ME20F-SHN with an EF mount lens like the CN20x50 IAS H E1, you can create a compact and versatile Full HD surveillance solution with excellent range and the ability to shoot in almost total darkness.

Not only that, but the ME20F-SHN's Ethernet network capabilities mean the setup can be monitored and controlled remotely, with footage being recorded off-site - an IP-based solution that uses robust, reliable Canon technology throughout and doesn't regular visits to remove the footage from physical storage devices.

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





#### **CR-S700R**

A robotic pan, tilt and zoom (PTZ) remote control solution compatible with Canon interchangeable lens cameras including the EOS-1DX Mark III and EOS R3. Requiring a small operating footprint of approximately 26cm radius (excluding the attached camera and lens), it can be installed in tight spaces and remotely controlled and monitored via Ethernet or IP (using a CR-G100 module); intuitive controls allow for movement via an optional joystick or gaming controller, and multiple CR-S700R remote heads can be controlled and monitored from a single computer.

**CANON EUROPE LTD PUBLIC SECTOR BROCHURE** 



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

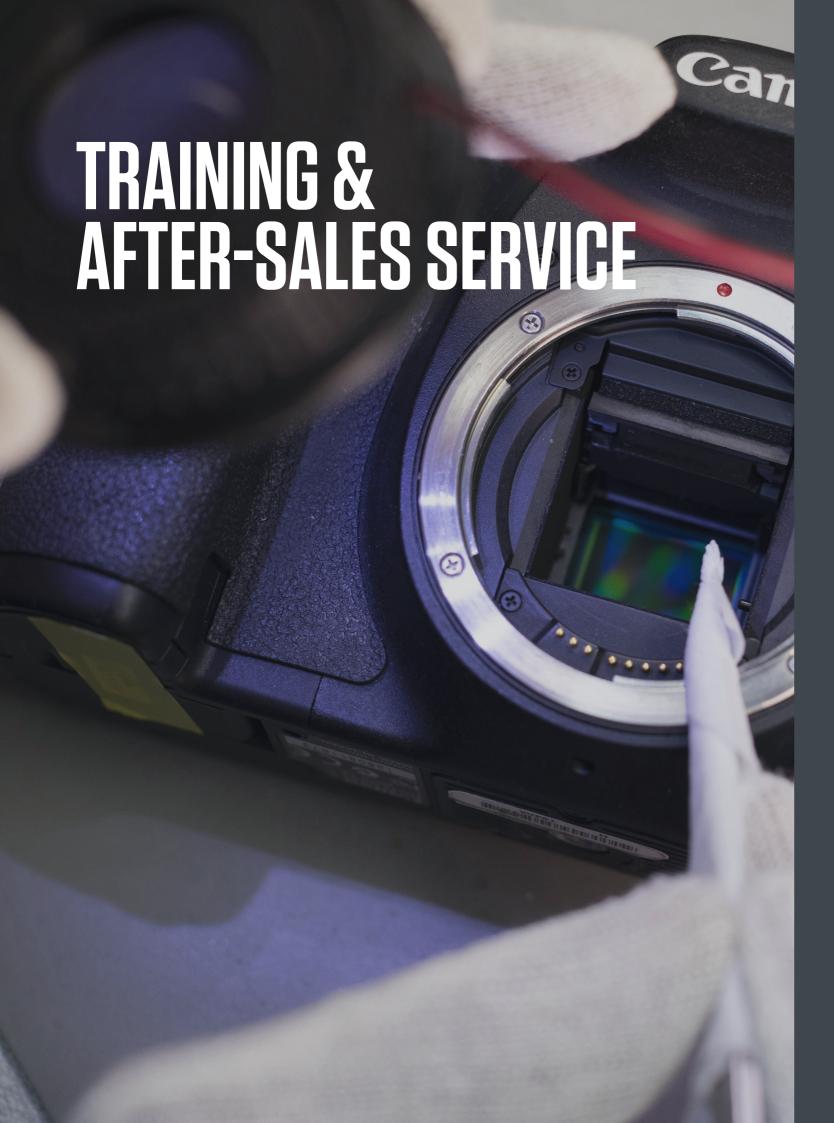
## SPECIAL FIRMWARE FOR EOS R CAMERAS

A key example is the "Communication Removal Service" for the Canon EOS 5D Mark IV, EOS-1D X Mark III, EOS R3 and EOS R5. This firmware update permanently disables the camera's Wi-Fi/Bluetooth /LAN/GPS hardware and removes the wireless communication tab from the UI display. This results in a more secure and private camera that's difficult to detect, track or otherwise steal information from – and ideal for covert operations.

## POWERSHOT ZOOM FIRMWARE UPDATE

A special firmware update for the Canon PowerShot Zoom, meanwhile, demonstrates how imaging performance can be enhanced in ways that improve evidence-gathering and surveillance. This update increases the camera's sensitivity from ISO 3200 to ISO 12800, boosting 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.

CANON EUROPE LTD 71 PUBLIC SECTOR BROCHURE



#### **TRAINING**

Ensuring every user knows the full capability of the camera, lenses and other equipment they're using means you get the most out of your investment.

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.

#### **AFTER-SALES SERVICE**

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

As well as fast technical support via dedicated phone lines and fast-track repairs (with free backup loans if necessary), our after-sales service contract includes a full annual service for all equipment and regular maintenance (cleaning, checking and adjustment) to prevent avoidable issues arising.

For more information, please visit canon-europe.com/pro/services

CANON EUROPE LTD 73 PUBLIC SECTOR BROCHURE

Canon Europe Limited 4 Roundwood Avenue Stockley Park Uxbridge UB11 1AF

www.canon-europe.com/pro

