INTRODUCING THE CR-X300

CLOSE THE DISTANCE
WITH UNRIVALLED CLARITY

Welcome to the latest generation of Canon remote PTZ cameras and controllers. Canon's solution offers a remote 4K production package for all situations, bringing smooth pan and tilt functionality along with exceptional image quality to indoor and outdoor applications while our hardware controller and free of charge software controller provide the means to control and adjust from a remote location.

KEY FEATURES

4K UHD
1/2.3-inch type CMOS sensor for stunning quality.

20x optical zoom
35mm equivalent focal length of 29.3mm – 601mm (UHD only) plus an additional 20x digital zoom in FHD.

Dual DV6 Processor
Powerful image processor that can capture up to 4K 30P at 4:2:2/10-bit.

Support for wide range of Protocols
RTMP, NDI|HX, RTP/RTSP, RTMPS Canon XC Protocol and Standard Communications Protocol.

Hybrid AF
For fast and accurate focusing even in low light.

IP65 rated
Water resistant and dustproof weathersealing.

CR-N300	CR-N500	CR-X300	CR-X500
Equipped with 4K UHD resolution, a 20x optical zoom, Hybrid Auto Focus, numerous IP streaming and control protocols, you can engage your audience in new ways.	With a 15x optical zoom, 4K UHD shooting capabilities and Dual Pixel Auto Focus, the CR-N500 allows for precise control and seamless IP streaming with exceptional results.	A compact IP65 rated PTZ camera offering 4K resolution, 20x Optical Zoom and IP streaming and control for a wide range of applications.	With a robust and weatherproof housing plus 4K UHD resolution, 15x optical zoom, 12G-SDI and Dual Pixel CMOS AF, the CR-X500 is the ideal PTZ camera for remote productions and monitoring.

KEY FEATURES & TECHNOLOGY

Powerful 4K and Full HD imagery
A 1/2.3-inch type 4K/UHD CMOS Sensor with a DIGIC DV6 image processor captures detailed footage up to 4K 30P at 4:2:2/10-bit. Video can be output in Enhanced Full HD which benefits from 4K downsampling.

Versatile, high quality 20x optical zoom
The CR-X300 has a 20x optical zoom lens with a focal length range of 29.3–601mm (35mm equivalent) in UHD. As well as an additional 20x digital zoom in FHD. The CR-X300 also features Canon's 4 Axis IS system for enhanced stability when shooting.

Advanced streaming and output options
The CR-X300 is highly flexible thanks to its 6G-SDI and HDMI outputs, PoE++ as well as network connectivity that supports protocols such as Canon XC, RTP/RTSP, RTMP and NDI|HX video transmission plus standard communication and streaming protocols.

Hybrid AF for precise focus
The CR-X300 combines high-precision contrast AF with high-speed phase-detection AF, ensuring accurate focus of the subject, even in low light.

Smooth, precise control
The CR-X300 is capable of Pan, Tilt and Zoom movements as slow as 0.3deg/sec, even with pre-sets, and is compatible with Canon's RC-IP100 controller, Remote Camera Control Application plus selected third-party options.

For various lighting conditions
The CR-X300 is equipped with an internal 1/8 graduated type ND filter with the option to attach a 1/32 ND filter externally to help control exposure. For very low light conditions, IR mode allows capture in almost complete darkness.

Custom picture settings
The CR-X300 features a custom picture menu which allows for fine tuning of image settings in a wide range of shooting scenarios with other cameras such as Cinema EOS, for efficient workflow in a multi camera setup.

Robust and durable body
Rated IP65 water and dust resistant with additional salt repellence to perform from -15° to +40°C and in 90% humidity, the fully sealed body also features an inbuilt wiper for a clear view.

TARGET AUDIENCES

The CR-X300 is part of Canon's 4K PTZ camera range suitable for outdoor use with its weatherproof housing making it suitable for Broadcast, Live events, and Monitoring.

A great choice for:

• Broadcast and TV studios
• Live events and musical performances
• Monitoring

WHY CANON?

HISTORY	EXPERTISE	QUALITY
Over 80 years heritage of imaging innovation	Extensive expertise to meet every imaging need	Unique products to capture and share the moment

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PTZ RANGE

	CR-N300	CR-N500	CR-X300	CR-X500
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SENSOR SIZE	1/2.3 - inch Type CMOS Sensor	1 - inch Type CMOS Sensor	1/2.3 - inch Type CMOS Sensor	1-inch Type CMOS Sensor
OPTICAL ZOOM	20x Optical Zoom	15x Optical Zoom	20x Optical Zoom	15x Optical Zoom (30x Advanced)[1]
FOCUSSING SYSTEM	Hybrid Auto Focus	Dual Pixel CMOS Auto Focus	Hybrid Auto Focus	Dual Pixel CMOS Auto Focus
VIDEO OUTPUT	HDMI, 3G-SDI, USB & IP[2]	HDMI, 3G-SDI & IP[3]	6G-SDI, HDMI, LAN (POE ++)	12G-SDI[4]
MAXIMUM RESOLUTION OUTPUT	4K UHD 30P	4K UHD 30P	4K UHD 30P	4K UHD 60p
INDOOR / OUTDOOR	Indoor	Indoor	Outdoor	Outdoor

1 - 30x advanced zoom in FHD
2 - HDMI - 4K UHD/30P/25P, 4:2:2 10-bit; 3G-SDI - FHD 30P/25P 4:2:2 10-bit; IP - 4K UHD/30P 4:2:0 8-bit
3 - HDMI - up to 4K UHD/30P/25P, 4:2:2 10-bit; 3G-SDI - FHD 30P/25P 4:2:2 10-bit; IP - up to 4K UHD/30P 4:2:0 8-bit
4 - 12G-SDI - up to 4K UHD/60P/50P 4:2:2 10-bit (depending on region)

RELATED PRODUCTS

RC-IP100

A high quality controller with a multi-function joystick and intuitive touchscreen for easy control of up to 100 connected cameras.

Remote camera control application

Free to download Canon software to control and adjust settings on up to 20 PTZ cameras from your PC or tablet.

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