

# CR-X500

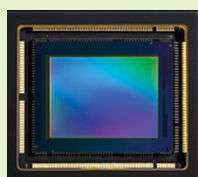
## REMOTE CAMERA

With a 1.0-inch CMOS sensor paired with a 15x Optical Zoom lens and PTZ<sup>^</sup> capabilities, the CR-X500 is optimized for easy installation with high image quality and high weather resistance.



### 1.0-inch CMOS Sensor

The 1.0-inch CMOS sensor used by the CR-X500 is larger than its predecessor models. This allows for better low light performance and higher image quality.



### Broadcast Quality 4K Footage

Supports 4K UHD 59.94p/50.00p (4:2:2 10 bit) output that supports the creation of broadcast quality 4K video content.



### Optical 15x 4K Lens

The CR-X500 utilizes Canon L series optics which promises ultra high performance, smooth operation and lasting reliability.

- 15x Optical Zoom lens
- Super UD lens elements are used to achieve high optical performance
- 25.5mm - 382.5mm (35mm equivalent) zoom range

### Advanced Zoom (Up to about 30x)

Advanced Zoom function is available for users who require greater telephoto reach of up to 30x in Full HD resolution.

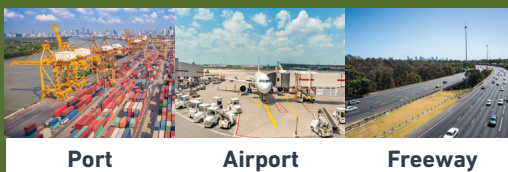
By utilizing the 4K sensor, the Advanced Zoom function allows for a digital zoom while maintaining high image quality.

## PTZ<sup>^</sup> HOUSING FEATURES

Small and lightweight body that can be installed in various places.



**PORTABLE FOR OUTDOOR USAGE**



Anti-vibration function that delivers stable and clear images



**SHAKE REDUCTION EVEN IN WINDY CONDITIONS**

High weather resistance for tough outdoor installation environments



### IP55 Rated Water and Dust Resistance

#### Water-resistant:

The housing is sufficiently water-resistant to withstand wet weather conditions.

#### Dust-resistant:

The unit has sufficient dust-resistant features to ensure long term durability of the internal components.

High compatibility with existing systems and ease of construction

### NU Protocol<sup>\*1</sup>

The CR-X500 is also compatible with NU protocol, allowing systems integrator development and operation via a third-party remote control panel.<sup>\*2</sup>

### U-4 Protocol<sup>\*1</sup>

Also compatible with U-4 protocol which is widely utilized in Japan. This system is easy to update and expand via system controllers.<sup>\*2</sup>

<sup>\*1</sup> Factory settings: BU-43U : U-4 protocol  
CR-X500 : NU protocol

<sup>\*2</sup> Please contact your local Canon dealer for more details

Specifications	CR-X500
Resolution	4K UHD
Sensor	1.0-inch CMOS
Zoom	Optical 15x Zoom (FHD 30x Digital Zoom)
Dust and water resistance	IP55 rated
Focal length (Converted to 35 mm)	8.3 -124.5 mm (25.5 -382.5 mm)
F Number	F 2.8 -4.5
Control I/F	RS -422
Video output I/F	12G-SDI
Video output (Maximum)	SDI: 4K/59.94p/4:2:2
Turning range	PAN: ± 170 ° TILT: -50 ~ +30 °
Swirl velocity	PAN: 0.5 ~ 25 deg/s TILT: 0.3 ~ 20 deg/s
Operating speed	PAN: 0.5 ~ 25 deg/s TILT: 0.3 ~ 20 deg/s
Supported protocol	NU/U-4
Power	AC or DC

CR-N500

269 MM



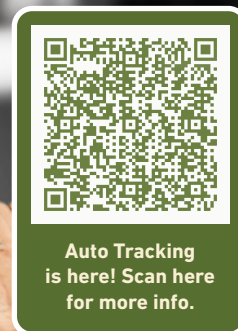
200 MM



154 MM

CR-N300

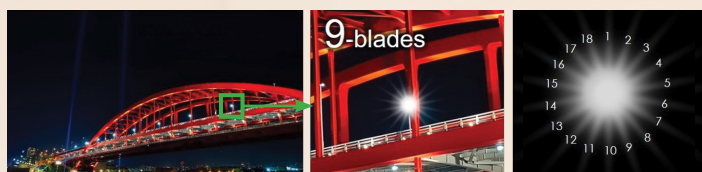
178 MM



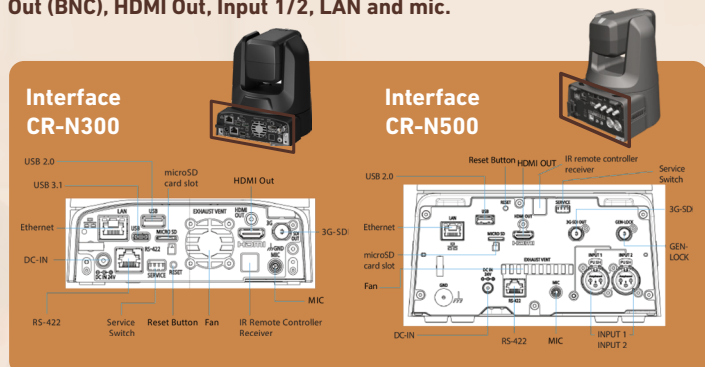
Auto Tracking  
is here! Scan here  
for more info.

An Indoor PTZ Remote Camera, targeting at shooting and distribution of high quality videos, offers flexible operation in the fields of video production and broadcasting while realizing labor-savings through "one-person operation".

i. Wide angle with 15x/ 20x (respectively by model) Optical Zoom lens enabling high definition 4K imaging, using 9-bladed iris diaphragm creates attractive natural bokeh effects.

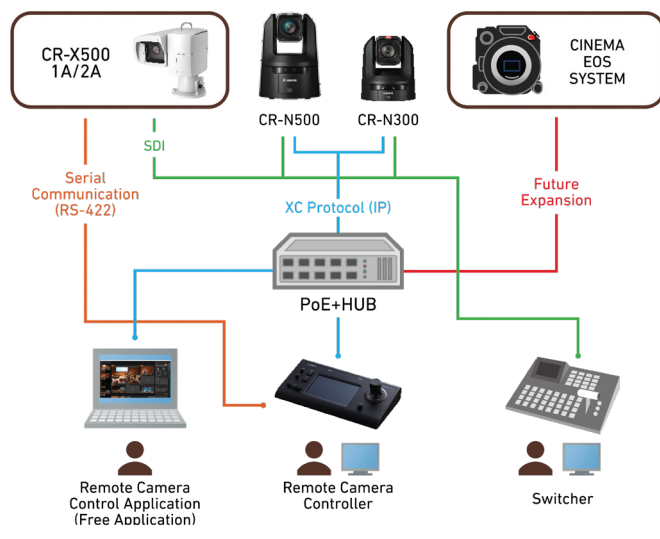


ii. New system that supports protocol such as Canon XC Protocol, VISCA, VISCA over IP, NDI|HX, which makes multiple input and output terminal integration possible, various from RS-422 (RJ45), 3G-SDI Out (BNC), HDMI Out, Input 1/2, LAN and mic.



USAGE BENEFITS FOR LIVE INDOOR OR OUTDOOR EVENT

- Shallow-focus allows movie-like images, with a blurred background.
- Capturing face expressions and live events in 4K high-def video being outdoor or indoor while delivery in real time.
- The PTZ function allows shooting from various angle of view, especially front view of groom and bride.



Specifications	CR-N500	CR-N300
Image Sensor	1" Dual Pixel CMOS	1/2.3" CMOS
Maximum Resolution	4K (3840 x 2160)	4K (3840 x 2160)
Minimum subject illumination (Color)	1.5 lux	1.5 lux
Focal Length(35mm conversion)	8.3 - 124.5mm(25.5 - 382.5mm)	3.67-73.4 mm(4K UHD: 29.3-601 mm)
Horizontal Angle of View	73.0° - 5.7°	65.5° - 3.6°
Optical Zoom	15x	20x
ND Filter	Y(1/4, 1/8, 1/16)	Y(1/2, 1/4, 1/8)
Video Output I/F	3G-SDI, HDMI, IP	3G-SDI, HDMI, IP, USB
Video Codec	H.264, H.265, JPEG	H.264, H.265, JPEG
Video Output Format [Max.]	SDI	FHD 59.94p (4:2:2 10bit)
	HDMI	4K 29.97p (4:2:2 10bit)
	IP	4K 29.97p (4:2:0 8bit)
	USB	N/A
Video Transmission Protocol (IP)	Canon's New Protocol (TN), RTSP/RTP, NDI HX, RTMP	Canon's New Protocol (TN), RTSP/RTP, NDI HX*, RTMP *Additional License
Control I/F	IP / RS-422 / Wi-Fi / IR Remote Control	IP / RS-422 / Wi-Fi / IR Remote Control
Control Protocol (IP)	Canon XC Protocol (Canon original), VISCA, VISCA over IP, NDI HX	Canon XC Protocol (Canon original), VISCA, VISCA over IP, NDI HX
Power Supply	PoE+, 24 V DC	PoE+, 24 V DC
Pan Operating Range, Operating Speed	±170°, 0.1°/s - 100°/s	±170°, 0.2°/s to 100°/s (preset: up to 300°/s)
Tilt Operating Range, Operating Speed	-30° - 90°, 0.1°/s - 100°/s	-30° to 100°, 0.2° to 100°/s (preset: up to 170°/s)
GEN-LOCK Support	✓	X

FOR FULL SPECIFICATIONS, PLEASE REFER TO OUR WEBSITE

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