

# BRC-X400

IP 4K Pan-Tilt-Zoom Camera with NDI®|HX capability



## Overview

### **Capture every point of view in 4K with excellent picture quality and efficient IP production workflow**

The versatile BRC-X400 PTZ camera is ideal for use in a wide range of environments — from broadcast studios and remote on-air suites to sports stadiums, arenas, houses of worship, and lecture halls.

The camera's 1/2.5-type Exmor R CMOS sensor captures broadcast-quality 4K images with excellent sensitivity, very low noise, and rich, natural color reproduction. It's complemented by the integrated high-resolution lens that offers a powerful zoom capability up to 80x in Full HD (30x in 4K), with an expansive 70-degree-wide angle coverage to capture every point of view.

Efficient IP-based live production is augmented with support for NDI®|HX (via optional license), allowing flexible configuration with other networked NDI-enabled devices.

Images can also be reviewed remotely via a web browser, with support for RTSP (Real Time Streaming Protocol) and RTMP\* (Real Time Messaging Protocol) ensuring smooth, stable streaming of video plus audio (from an optional microphone, available separately) over an IP network.

Installation and set-up is easy, with a new Scene File function allowing the same settings to be applied to multiple cameras. Convenient integration in multi-camera live events is also simplified with genlock support and an "on-air" tally lamp.

\*Available through future upgrade planned in early 2020

## Features

### **Excellent 4K images, even in low light**

The sensitive 1/2.5-type Exmor R sensor captures high-quality 4K images with very low noise, even in dimly lit environments.

### **Up to 80x zoom**

Powerful zoom up to 80x (in FHD) allows frame-filling close-ups with fine details seen clearly. Responsive autofocus ensures that images stay clear and sharp, even at high zoom settings.

### **Wide viewing angle**

Cover the whole scene in sports arenas and lecture theaters with a horizontal viewing angle of approx. 70 degrees.

**Support for NDI®|HX**

NDI®|HX compatibility (via optional license) supports efficient IP-based live production, allowing flexible configuration with other networked NDI-enabled devices.

**Multiple control protocols**

PTZ and other camera functions can be controlled remotely via S700PTP, CGI, and VISCA protocols.

**Remote viewing**

View pictures remotely over the Internet from a web browser, with support for RTSP (Real Time Streaming Protocol) and RTMP\* (Real Time Messaging Protocol).

\*Available through future upgrade planned in early 2020

**Simpler installation, lower costs**

A single IP cable carries camera power, video image output, and control signals to simplify installation and reduce cabling costs.

**Ideal for live production**

Genlock allows seamless multi-camera switching in live events. The camera's inbuilt tally lamp is ideal for live productions and reality shows.

**Fast, fuss-free set-up**

The new Scene File\* function can apply the same camera settings to multiple cameras for fast set-up.

\*Available through future upgrade planned in early 2020

Specifications

Camera Features	
Image Sensor	1/2.5 Exmor R CMOS
Signal System	3840 x 2160 29.79p/1080 59.94p
Minimum Illumination (50IRE)	1.6 lux (50IRE, F2.0 30fps)
Horizontal Resolution	1700 TV line (4K), 1100 TV line (FHD).
Horizontal Viewing angle	Approx. 70 degrees
Zoom	30x (4K), 40x (HD)
Digital Zoom	12x
Pan/Tilt range	Pan: ±170° Tilt: +90°/-20°
Max preset speed	Pan: 300° Tilt: 126°
Number of preset	256 (CGI)
Picture freeze preset	Yes
Tally Lamp	Yes — front
Interface	
Video Output	3G-SDI/HDMI *4K output only via HDMI

Camera Control Interface	VISCA, VISCA over IP, S700PTP, CGI
External Sync. Input	Yes
PoE+	Yes, *IEEE802.3at compatible

**General**

Power Requirements	DC 12V
Body Color	Black and White

Related products



**REA-C1000 Edge  
Analytics  
Appliance**



**HXC-FB80**  
Three 2/3-inch Exmor™ CMOS  
sensor HD color studio camera



**HXC-P70**  
Affordable, three 2/3-inch  
Exmor CMOS sensor, full  
HD/SD compact system  
camera with direct optical  
fiber cable connection

## Gallery

