



BRCH800/1

Full HD PTZ Camera
with 1-inch Exmor® R
CMOS Sensor & PoE+
- BRCH800

\$8,999.00

U.S. List Price

Weights & Measures: Approx.
4.3kg / Approx. 9 lb 7.7oz ,
Approx. 198 x 260 x 238mm
(without projecting object x
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Overview

The BRC-H800 HD PTZ camera features Sony's renowned, back illuminated 1-inch Exmor® R CMOS image sensor, unique digital image processor and reliable 12x Zeiss lens (24x in HD with Clear Image Zoom technology) to enable you to shoot precise detailed, high quality and high sensitivity HD video with low noise levels. Plus it features PoE+ for easy installation and cost savings (e.g., reduces amount of cables with single cable for power and control). From Broadcast Studios and Remote On-Air Suites to Live Sports Events, Arenas, Houses of Worship and Lecture Halls, the new desktop or ceiling mountable BRC-H800 camera can match your various application needs.

Highlights

* PoE+ for flexible powering options

For installation simplicity and flexibility, the BRC-H800 supports a PoE+ (Power-over-Ethernet) capability that carries IP control and power over a single connection cable.

* Broadcast-Friendly Features

With Pan, Tilt, and Zoom control, the BRC range puts remote-recording technology at your fingertips. PTZ Trace Memory (planned for summer 2017) allows a sequence of camera movements to be memorized and recalled when required, removing the need for a cameraman and reducing costs. This new feature smoothly blends separate pan, tilt and zoom movements for seamless, professional-looking transitions.

* Clear Image Zoom Technology

This super resolution technology doubles the optical zoom while still delivering exceptional image quality. The optical excellence of a genuine 12x optical zoom Zeiss Vario-Sonnar T lens with Clear Image Zoom capabilities to 24x in HD allows you to enlarge the image while maintaining its original image quality. The end result is an artistic triumph when shooting in 4K 24p (cinema-style resolution planned for summer 2017) with a beautiful bokeh for dramatic depth-of-field effects and its flexibility enables the cameras to be utilized as a creative tool. With its high speed 60p HD mode, these cameras clearly capture fast-paced footage when shooting live sports.

* High Quality & High Sensitivity Image Sensor

The heart of this camera is Sony's 1.0 type back illuminated Exmor R CMOS sensor and image processing engine featuring a high sensitivity of 1.7 lx minimum illumination.

* Boost Efficiency with Cost Savings & Ease of Operation

This easy to use model enables a single camera operator to manage a multi-camera production. The BRC-H800 presently support up to 16 position presets (with additional presets planned for future upgrades) making it easy for the operator to transition smoothly and seamlessly from speaker-to-speaker presenting on a dais or a presenter walking mark-to-mark. When more professional camera movements are needed (e.g. gliding up, down and across from close-up to wide shots, control zoom speed), complicated camerawork can be pre-programmed with new control features such as Trace Memory and PTZ Motion Sync for added flexibility.

Specifications

General Specifications	Detail
Angle of View (H)	64.6°Wide-end)
Camera Control Interface	RS-422(VISCA) / VISCA Over IP
Dimensions (W x H x D)	Approx. 198 x 260 x 238mm (without projecting object
Effective Pixels	Approx. 14.2 Megapixels
External Sync Input	Yes
Focal Length	f=9.3 to 111.6mm F2.8(Wide) ,F4.5(Tele)
Focus System	Auto/Manual
Gain	Auto/Manual (-3dB to +33dB)
Image Device	1-type Exmor R CMOS
Minimum Illumination	1.7 lx (50IRE, 1/30s, Iris/Gain Auto)
Operating Temperature	0 °C to 40 °C / 32 °F to 104 °F
Pan/Tilt Angle	Pan: ±170° Tilt: +90°/-30°
Pan/Tilt Speed	Pan: 0.3° to 60°/s Tilt: 0.3° to 60°/s
Panel Display Resolution	12x Optical Zoom Lens / Clear Image Zoom Technology 2x for a total of 24x
Power Requirements	DC 10.8V to 13.2V, PoE+(IEEE802.3at compliant)
Preset Positions	16* (planned increase in 2017)
Shutter Speed	1/10000s to 1/8 (59.94/29.97) 1/10000s to 1/6 (50/25)
Video Output	3G-SDI x2 and HDMI
Weight	Mass: Approx. 4.3kg Approx. 9 lb 7.7oz
White Balance	Auto1/Auto2/One Push/Indoor/Outdoor/Manual

Accessories

Optional Accessories		
Model:	Description:	U.S.List Price
RMIP10	IP Remote Controller for the Select BRC and SRG PTZ Cameras	Pricing available upon request
BRZ12CDH	Environmental Dome for BRC-X1000/1, BRC-H900 and BRC-H800/1 PTZ Cameras	\$6,499.00
RMIP500/1	PTZ Camera Remote Controller	\$3,095.00

Resources

Product Manual			
Description:	Release Date	Type/Size	
BRC-X1000 and BRC-H800 Command List Manual	01/23/2017	pdf / 349K	Download now
BRC-X1000 and BRC-H800 Safety Instructions Manual	01/23/2017	pdf / 1,271K	Download now
BRC-X1000 and BRC-	01/23/2017	pdf / 3,578K	Download now

H800 Operating
Instructions

Specification Sheet

Description:

Release Date

Type/Size

BRC-X1000 and BRC-
H800 Preliminary Spec
Sheet

01/23/2017

pdf / 474K

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Brochure

Description:

Release Date

Type/Size

BRZ-12CDH
Environmental Dome
Enclosure for Sony
BRC 4K & HD PTZ
Cameras

pdf / 830K

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