



BRCH900
HD 1/2 type 3CMOSs
P/T/Z Color Video
Camera

\$13,000.00

U.S.List Price

UPC: 027242274310

Overview

The BRC-H900 is a 1/2" 3CMOS Pan/Tilt/Zoom color video camera that delivers exceptionally high picture quality to meet demanding live production requirements.

Highlights

- * 1/2-type Exmor Full HD 3CMOS Image Sensor
- * Approximately 2 Megapixels of Effective Picture Elements
- * 1080/59.58i, 720/59.98p, NTSC
- * 1080/50i, 720/50p, PAL
- * 4 lx (F1.9 +24dB) Minimum illumination
- * 50dB Video S/N Ratio
- * 14x Optical Zoom
- * HD Video Output: Analog RGB/Component, SDI (HD/SD switchable)
- * SD Video Output: Composite, Y/C
- * External sync input
- * 16 position presets
- * RS-232C/RS-422 serial control (VISCA protocol)
- * Daisy chain capability (up to 7 units)
- * Image stabilization function that reduce vibration
- * Multi-function IR Remote Commander® unit
- * OSD (On-Screen Display)

Features

Features	Benefits
1/2 inch Exmor 1920x1080 3CMOS P/T/Z Camera	The BRC-H900 delivers greatest sensitivity (F10) and horizontal resolution (more than 1,000 TV lines in HD-SDI output) to meet the needs of high quality conscious applications. These features will enable more users to enjoy the benefits of remote control cameras, particularly in education, wedding, and corporate applications. These advanced remote capabilities allow for a reduction in manned operation.
Superb Picture Quality	Thanks to Sony's reputable image sensor technology, the BRC-H900 remote camera delivers exceptionally high picture quality to meet demanding live production requirements. The F10 high sensibility and 50dB S/N Ratio is an advantage in low light situations. This innovative technology helps users adjust to shooting environments with extreme variable lighting, such as outdoor shoots and concerts where lighting situations may not be consistent.
Flexible Installation	In addition to a typical desktop installation, all of the BRC Series cameras can be mounted to the ceiling. Also with the use of a tripod and tripod screw, these cameras are also suitable for mobile applications, such as live events.
Advanced Color Adjustment	The BRC-H900 is equipped with a variety of picture adjustment features, including color, gamma, black, and knee settings. These feature-rich color adjustment functions allow fine tuning to meet professional demands.
14x Optical Zoom	By incorporating a 14x optical zoom lens, the BRC-H900 enables users to zoom in on small and distant objects with a high degree of accuracy.

1080i, 720p, and SD Output	The BRC-H900 simultaneously delivers stunning HD images (1080i or 720p) and SD analog images. This dual-output capability allows the camera to be integrated into both an HD and SD system, which is good for users who want to upgrade to complete HD.
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Specifications

Camera Performance Specifications

	Detail
Tilt Angle	-30 to +90 degrees
Tilt Speed	0.22 to 60 degrees/sec

General Specifications

	Detail
Analog Output	RGB / Y/Pb/P(D-sub 15-pin), Y/C, Composite
Angle of View (H)	59.6 degrees (Wide End)
Backlight Compensation	On/Off
Built-In Video Output	SDI (HD/SD Selectable) D-sub 15 pin: HD video out Y/Pb/Pr or RGB, HD, VD or SYNC Y/C Composite
CCD Effective Pixels	Approx. 2.07 mega pixels (CMOS)
Camera Control Interface	Mini DIN 8 pin: RS-232C (VISCA In/Out), Connector plug 9 pin: RS-422 (VISCA In/Out)
Dimensions (W x H x D)	198 x 260 x 238 mm (7 7/8 x 10 1/4 x 9 3/8 inches)
Effective Pixels	Approx. 2 Megapixels
Focal Length	f=5.8 to 81.2 mm (F1.9 to F2.8)
Focus System	Auto/Manual
Gain	Auto/Manual (-3 to 24 dB)
Horizontal Resolution	1000 TV lines
Image Device	1/2-type Exmor 3CMOS image sensor
Image Flip	On/Off
Minimum Illumination	4 lx (50 IRE, F1.9, +24 dB)
Minimum Object Distance	300 mm (Wide), 800 mm (Tele)
ND Filter	N/A
Operating Temperature	32 to 104 F (0 to 40 C)
Optical Image Stabilizer	On / Off
Pan Angle	-170 to + 170 degrees
Pan/Tilt Angle	-170 to +170 degrees (Pan), -30 to +90 degrees (Tilt)
Pan/Tilt Speed	0.22 to 60 degrees (Pan/Tilt)
Panel Display Resolution	14x Optical Zoom
Power Consumption	Max 28.8W (without optional cord) Max 34.2W (with optional cord)
Power Requirements	DC: 10.8V to 13.2V
Preset Positions	16 Positions
S/N Ratio	50 dB
Shutter Speed	1/8000 to 1/60 s or 1/8000 to 1/50 s
Signal System	1080/59.94i, 720/59.94p, NTSC 1080/50i, 720/50p, PAL
Storage Temperature	-20 degrees to 60°C (-4°F to 104°F)
Synchronization	Internal/External
Video Output	HD: SDI (HD/SD Switchable) + D-Sub 15 pin: Component (Y/Pb/Pr) or RGB, HD, VD or SYNC SD: Composite, Y/C

Weight	5.0 kg (11 lb 0.37 oz.)
White Balance	Auto/Indoor/Outdoor/One-push/Manual

Accessories

Optional Accessories

Model:	Description:	U.S.List Price
BRCWMALL	Wall mount bracket for BRC SERIES	\$220.00
CCFCS200	Single mode optic-fiber cable	\$1,600.00
MCS8M	Compact Audio Video Mixing Switcher	\$6,600.00
BRBKIP10	Sony BRC camera IP control interface card for BRc-H700 & BRC-Z330 cameras	Pricing available upon request
BRBKHSD2	HD/SD SDI Output Card for the BRU-SF10 and the BRC-Z330 P/T/Z Camera	\$1,800.00
BRUSF10	HD Optical Multiplex Unit for BRC-Z330	\$2,600.00
RMBR300	Remote Control Unit for the BRC-300 / H700 / Z700 / Z330 / H900	\$1,575.00
NIAGARA4100	NIAGARA4100 HD Streaming Encoder	\$9,995.00
NIAGARA2100	NIAGARA2100 Streaming Encoder	\$3,995.00
NIAGARA7550	NIAGAR7550 HD Streaming Encoder	\$18,995.00
NIAGARA2120	NIAGARA2120 Streaming Encoder	\$3,995.00

Resources

Brochure

Description:	Release Date	Type/Size
Disclaimer.pdf		pdf / 9K

Product Manual

Description:	Release Date	Type/Size
BRC-H900 command manual		pdf / 209K
BRC-H900 Operating Manual	05/08/2012	pdf / 7,612K

Specification Sheet

Description:	Release Date	Type/Size
CCFC-S200 & BRU-SF10 Specification	05/08/2012	pdf / 666K

Product Brochure

Description:	Release Date	Type/Size
BRC Series Brochure		pdf / 1,989K