



BRC-H900
HD 1/2 type 3CMOSs
P/T/Z Color Video
Camera

\$9,860.00

U.S.List Price

UPC: 027242274310

Overview

The flagship BRC-H900 Pan/Tilt/Zoom color video camera incorporates a 1/2-type Exmor 3 CMOS sensor that delivers exceptionally high picture quality to meet demanding live production requirements. The BRC-H900 was designed with flexibility in mind.

Control Options: VISCA RS-232C/RS-422 or IP control (10Base-T/100Base-TX /Auto).
With the use of Sony's new RM-IP10 IP Remote Controller, the BRC-H900 can be controlled through an IP network for flexible configuration and can accommodate installations of up to 112 BRC cameras and up to five RM-IP10 controllers. (BRBK-IP10 board also required.)

Mounting and Installation: In addition to standard desktop installation, the BRC-H900 can be ceiling mounted and used with a tripod for mobile, live events. Its renowned silent and smooth pan/tilt/zoom mechanism enables use in noise-conscious environments.

Advanced Color Adjustment: With a variety of picture adjustment features including color, gamma, black and knee settings, the BRC-H900 camera allows for fine tuning to meet professional demands. With a minimum illumination of 4lx, the BRC-H900 also achieves outstanding performance in difficult lighting environments.

Tally Lamp: Not one but two tally lamps are featured on the BRC-H900 - one on the front and one on the rear - offering wider visibility.

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

	<p>high picture quality to meet demanding live production requirements.</p> <p>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.</p>
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.

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
BRBKSA1	Analog SD output card for the BRU-SF10 and the BRC-Z330.	\$1,400.00
BRCWMALL	Wall Mount Bracket for Select BRC Cameras	\$220.00
BRBKHSD2	HD/SD SDI Output Card for the BRU-SF10 and the BRC-Z330 P/T/Z Camera	\$1,800.00
BRBKIP10	Sony BRC camera IP control interface card for BRC-H900 & BRC-Z330 cameras	Pricing available upon request
CCFCS200	Single Mode Optic-fiber Cable	\$1,600.00
BRCAD14THB	BRC Environmental Dome	\$4,995.00
MCS8M	Compact Audio Video Mixing Switcher	\$6,600.00
BRCAD14PB	Optional Outdoor IP66 rated enclosure for power supply - BRC Environmental Dome	\$525.00
BRUSF10	HD Optical Multiplex Unit for BRC-Z330	\$2,600.00
BRCAD14CHB	BRC Environmental Dome	\$4,995.00
RMIP10	IP Remote Controller for the Select BRC and SRG PTZ Cameras	Pricing available upon request
RMBR300	Remote Control Unit for the BRC-300 / H700 / Z700 / Z330 / H900	\$1,575.00

Resources			
Brochure			
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Product Brochure			
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BRC Series Brochure		pdf / 1,919K	Download now
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Product Manual			
Description:	Release Date	Type/Size	
BRC-H900 command manual	04/27/2012	pdf / 209K	Download now
BRC-H900 Operating	05/08/2012	pdf / 7,612K	Download now

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