



**BRCH700**  
HD 1/3 type 3CCDs  
P/T/Z Color Video  
Camera

**\$8,995.00**

U.S.List Price

**Overview**

The BRC-H700 combines a high picture quality HD 3CCDs camera with pan/tilt/zoom mechanism, wrapped in a sleek, compact body. Like its standard definition family member, the BRC-300, the BRC-H700 can also be mounted on the ceiling. The BRC-H700 supports analog RGB, Y/Pb/Pr output as standard and is also equipped with a slot for optional cards responding to diverse needs. By inserting optional cards into this slot, HD-SDI (HDBK-HD1), down converted SKI (HFBK-SD1), computer XGA (HFBK-XG1) and HDV™ (HFBK-TS1) formats can be used. The BRU-H700 HD optical multiplex unit with the BRBK-H700 HD optical multiplex card enables the BRC-H700 to transmit uncompressed digital data without deterioration through the CCFC-M100HG HD optical fiber cable. The same RM-BR300 remote control unit for the BRC-300 can be used with BRC-H700; it will simultaneously control up to 7 cameras from a distance.

**Highlights**

- \* All-in-one stylish robotic camera with a robust body
- \* Using 1/3 type HD 3-CCDs
- \* Carl Zeiss Vario-Sonnar T\*® Lens with representation of picturing in every detail
- \* <blank>
- \* Built-in Auto Focus 48x zoom (12x Optical, 4x Digital)
- \* Desktop and ceiling-mount installation capable
- \* Wide system expandability with interface card slot for optional cards
- \* 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
- \* ND filter that can adapt incident illumination
- \* Multi-function IR Remote Commander® unit
- \* OSD (On-Screen Display)

**Specifications**

Camera Performance Specifications	Detail
Tilt Angle	-30 to +90 degrees
Tilt Speed	0.25 to 60 degrees/sec
General Specifications	Detail
Analog Output	RGB / Y/Pb/P(D-sub 15-pin),
Angle of View (H)	5.5 degrees (tele end ) to 60.3 degrees (wide end)
Angle of View (V)	3.12 degrees (tele end) to 36.2 degrees (wide end)
Backlight Compensation	On/Off
Built-In Video Output	D-sub 15 pin: HD video out Y/Pb/Pr or RGB, HD, VD or SYNC
CCD Effective Pixels	Approx. 1.07 mega pixels

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)	207 x 310.8 x 207 mm (8 1/4 x 12 1/4 x 8 1/4 inches)
Effective Pixels	Approx. 1.04 Mega pixels
Focal Length	f=4.5 to 54.0mm (F1.6 to F2.8)
Focus System	Auto/Manual
Gain	Auto/Manual (0 to 18 dB and Hyper Gain)
Horizontal Resolution	650 TV lines
Image Device	1/3 type CCD x3
Image Flip	On/Off
Imager	CCD
Lens	12x optical zoom 48x with digital zoom Carl Zeiss Vario-Sonnar T*
Minimum Illumination	6 lx (50 IRE, F1.6, 18dB)
Minimum Object Distance	800mm (tele end) 500mm (wide end)
ND Filter	Off/ND1/ND2
Operating Temperature	32 to 104 F (0 to 40 C)
Optical Image Stabilizer	On / Off
Pan Angle	-170 to + 170 degrees
Pan Speed	0.25 to 60 degrees/sec
Pan/Tilt Angle	-170 to +170 degrees (Pan), -30 to +90 degrees (Tilt)
Pan/Tilt Speed	0.25 to 60 degrees (Pan/Tilt)
Panel Display Resolution	12x Optical Zoom
Power Consumption	Max. 24W (Without optional card)
Power Requirements	DC 10.8 to 13.2 V
Preset Positions	16 positions
S/N Ratio	50 dB
Shutter Speed	1/59.94 to 1/10000(59.94i) 1/50 to 1/10000(50i)
Signal System	1080/59.94i 1080/50i (switchable)
Storage Temperature	-20 degrees to 60°C (-4°F to 104°F)
Synchronization	Internal/External
Video Output	(With an optional card) HFBK-HD1: HD-SDI HFBK-SD1: Down converted SD SD-SDI RGB Y/Cb/Cr Y/C Composite HFBK-XG1: WXGA XGA VGA HFBK-TS1: HDV
Weight	4.5 kg (9 lb 15 oz.)
White Balance	Auto Indoor Outdoor One-push WB Manual

## Accessories

### Optional Accessories

Model:	Description:	U.S.List Price
HFBKHD1	HD SDI Output Board (HD output option)	\$2,000.00

HFBKSD1	SDI Output Board (down-converter option)	\$1,700.00
HFBKTS1	HDV Interface Module Board	\$2,600.00
HFBKXG1	XGA Output Board (VGA / XGA / WXGA Option)	\$2,000.00
BRUH700	HD Optical Multiplex Unit for BRC-H700/Z700	\$2,900.00
BRCWMALL	Wall mount bracket for BRC SERIES	\$220.00
BRCSDP16	16" Outdoor Dome Housing For BRC-H900/H700/Z700	\$850.00
RMBR300	Remote Control Unit for the BRC-300 / H700 / Z700 / Z330 / H900	\$1,575.00

## Resources

### Product Manual

Description:	Release Date	Type/Size
BRC-H700 Operating Manuals		pdf / 2,095K
BRC Series System Guide		pdf / 12,401K
BRC-H700 command manual		pdf / 133K
BRCWMALL		pdf / 540K

### Brochure

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

### Specification Sheet

Description:	Release Date	Type/Size
CCFC-M100HG & BRU-H700 Specification	05/08/2012	pdf / 1,368K

### Product Brochure

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