BRCZ700
HD 1/4 3CMOSs
P/T/Z Color Video
Camera

$6,795.00

U.S.List Price

Overview

HD 1/4 3 CMOSs camera with pan/tilt/zoom mechanism, wrapped in a sleek, compact body. Like its other family members, the BRC-300 and the BRC-H700, The BRC-Z700 can also be ceiling mounted. The BRC-Z700 supports simultaneous outputs of analog HD Y/Pb/Pr output as well as Y/C and composite in Standard Definition (SD). It is also equipped with a slot for optional cards to adapt to diverse needs. By inserting the optional BRBK-HSD1 card into this slot, High Definition SDI (HD-SDI) as well as down converted SD SDI output is possible by proper selection (not simultaneously). For HD optical multiplex remote operation, the BRC-Z700 requires a BRBK-MF1 board. Boards used with the existing BRC-H700 camera are NOT compatible with the BRC-Z700. When used with the BRU-H700 HD optical multiplex unit, the BRC-Z700 in combination with the new BRBK-MF1 board, can transmit uncompressed digital data without deterioration through the CCFC-M100HG HD optical fiber cable. The same RM-BR300 remote controller currently used with the BRC-300 and BRC-H700 cameras can also be used with the BRC-Z700. The RM-BR300 can simultaneously control up to 7 cameras from a distance.

Highlights

* All-in-one stylish robotic camera with a robust body
* 1/4- type HD 3-ClearVid CMOS
* Carl Zeiss Vario-Sonnar T*® Lens
* Built-in Auto Focus 80x zoom (20x Optical, 4x Digital)
* Desktop and ceiling-mount installation capable
* Both HD and SD outputs as standard
* External sync input
* 16 position presets

* RS-232C/RS-422 serial control (VISCA protocol)
* Daisy chain capability (up to 7 units)
* Silent and smooth Pan/Tilt mechanism
* Optical image stabilization function to reduce vibration
* Wide system expandability with interface card slot for optional cards
* Multi-function IR Remote Commander® unit
* OSD (On-Screen Display)

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 (4 pin Mini DIN), VBS (BNC)
Angle of View (H)	1.8 degrees (tele end) to 55.2 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 Mini DIN 4 pin: Y/C BNC: Composite

CCD Effective Pixels	Approx. 1.04 mega pixels
Camera Control Interface	RS-232C (VISCA protocol)/RS-422 (VISCA protocol)
Dimensions (W x H x D)	198 x 247 x 238 mm (7 7/8 x 9 3/4 x 9 3/8 inches)
Effective Pixels	Approx. 1.04 mega pixels
Focal Length	f=3.9 to 78.0mm (F1.6 to F2.8)
Focus System	Auto/Manual
Gain	Auto/Manual (0 to 24 dB and Hyper Gain)
Image Device	1/4 type CMOS x3
Image Flip	On/Off
Imager	CMOS
Lens	20x optical zoom 80x with digital zoom Carl Zeiss Vario-Sonnar T*
Minimum Illumination	6 lx (50 IRE, F1.6, 24dB)
Minimum Object Distance	800mm (tele end) 500mm (wide end, lmiter on) 10mm (wide, limier off)
ND Filter	-
Operating Temperature	0 degrees to 40°C (32°F to 104°F)
Optical Image Stabilizer	On / Off
Pan Angle	-170 to + 170 degrees
Pan Speed	0.22 to 60 degrees/sec
Power Consumption	Max. 28.8W (Without optional card)
Power Requirements	DC 10.8 to 13.2 V
Preset Positions	16 positions
S/N Ratio	50 dB
Shutter Speed	1/60 to 1/10000(59.94i) 1/50 to 1/10000(50i)
Signal System	1080/59.94i, NTSC or 1080/50i, PAL (switchable)
Storage Temperature	-20 degrees to 60°C (-4°F to 104°F)
Synchronization	Internal/External
Video Output	(With an optional card) BRBK-HSD1: HD-SDI,SD-SDI <blank> <blank> <blank> <blank> <blank> <blank> <blank> <blank> <blank> <blank>
Weight	4.5 kg (9 lb 15 oz.)
White Balance	Auto1 Auto2 Indoor Outdoor One-push WB Manual

Accessories

Optional Accessories

Model:	Description:	U.S.List Price
BRCWMALL	Wall mount bracket for BRC SERIES	$220.00
RMBR300	Remote Control Unit for the BRC-300 / H700 / Z700 / Z330 / H900	$1,575.00
BRBKIP7Z	Sony BRC camera IP control interface card for the BRC-Z700 camera.	Pricing available upon request
BRUH700	HD Optical Multiplex Unit for BRC-H700/Z700	$2,900.00
BRCSDP16	16" Outdoor Dome Housing For BRC-H900/H700/Z700	$850.00
BRS200	Remote Control Camera Operating Switcher	$9,995.00
BRBKMF1	HD Optical Multiplex Card for BRC-Z700 P/T/Z camera	$1,700.00
AWSG500E	Non config all in one producer Switcher	$14,630.00
BRBKHSD1	HD/SD SDI Output Card for BRC-Z700 P/T/Z Camera	$1,800.00

Resources

Product Manual

Description:	Release Date	Type/Size
BRC-Z700 Operating Manuals		pdf / 2,131K
BRC Series System Guide		pdf / 12,401K
BRC-Z700 command manual		pdf / 442K

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