



BRC300
NTSC 1/4.7 3CCDs
P/T/Z Color Video
Camera

\$4,275.00

U.S.List Price

UPC: 027242649729

Overview

The BRC-300 (NTSC model), is Sony's first robotic camera to offer the quality of SD 1/4.7 CCDs for brilliant resolution. Specifically designed for remote video-shooting applications, the BRC-300 incorporates three 1/4.7-type Advanced HAD™ CCDs to provide high-quality, high-resolution images in both 4:3 and 16:9 modes. With its E: Flip function for desktop or ceiling mount flexibility, the BRC-300 is ideal for use in a wide range of remote video shooting applications such as houses of worship, distance learning, corporate training, and cable TV broadcasting. In addition, its all-in-one design makes it an affordable alternative to separately configured cameras, lenses and P/T/Z mounts. And with a high-accuracy and wide-range pan/tilt/zoom capability, users can precisely capture the right points of the viewable area surrounding the BRC-300 to meet their needs. They can also easily operate the camera with Sony's optional RM-BR300 remote control unit, which is equipped with an ergonomic joystick, and feature-rich control panel. The BRC-300 comes equipped with a card slot that accepts optional interface cards, enabling the BRC-300 to be integrated into every kind of system from S-Video to RGB, iLINK™ DV interface, SDI or even fiber. In addition, two remote control interfaces (VISCA™ protocol) are available to provide additional expandability and flexibility for user's remote shooting needs.

Highlights

- * All-in-one stylish robotic camera with a robust body
- * 1/4.7-type IT 3CCD with Advanced HAD technology
- * Unique-All-in-One Design - Combines Camera, Lens & Pan/Tilt Mount
- * 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
- * 6 position presets
- * RS-232C/RS-422 serial control (VISCA protocol)
- * Daisy chain capability (up to 7 units)
- * <blank>
- * Minimum Illumination - 7 lux
- * Multi-function IR Remote Commander® uni
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Features

Features	Benefits
16:9 Precision Technology and Wide Angle of View in 16:9 Mode	A sufficient amount of pixels are used to reproduce high resolution images in the 16:9 aspect ratio. The BRC-300's Mega Pixel CCD enables an even wider angle of view in the 16:9 mode.
RS-232C or RS-422 Serial Control (VISCA™ Command)	The BRC-300 camera settings and pan/tilt/zoom functions can be controlled remotely via a PC. With the RS-232C connection, maximum cable length can be extended to 15m (50 feet), while the RS-422 connection extends this further to 1200m (4000 feet).
Multi-Interface Card Slot	The BRC-300 is equipped with a card slot that can accept optional interface cards. The BRC-300 can be integrated into every kind of system from S-Video to RGB, iLINK™ DVCAM interface (optional card planned to

	be available soon), SDI or even fiber.
Various Optional Equipment	Optical Multiplex Unit (BRU-300) - this unit converts non-compressed digital raw data from a camera (with the optical multiplex card) into any video output and has two interface card slots.
	Remote Control Unit (RM-BR300) - This stylish controller has a Sony ergonomic easy-to-use design and features a joystick. The control interfaces are RS-232C and RS-422 based on VISCA protocol.
	Optional Interface Cards - Analog RGB/Component Card (Model BRBK-301); Optional SDI Card (Model BRBK-302); and Optional Multiplex Card (Model BRBK-303). An i.LINK DVCAM output card is planned to be available shortly.

Specifications

Camera Performance Specifications	Detail
Tilt Angle	-30 to +90 degrees
Tilt Speed	0.25 to 60 degrees/sec
General Specifications	Detail
Analog Output	Y/C (4 pin Mini DIN), VBS (BNC)
Angle of View (H)	4:3 mode: 3.3 degrees (tele end) to 37.8 degrees (wide end) 16:9 mode: 4.0 degrees (tele end) to 45.4 degrees (wide end)
Backlight Compensation	On/Off
Built-In Video Output	Mini DIN 4 pin: Y/C BNC: Composite (NTSC)
CCD Effective Pixels	Approx. 0.69 mega pixels
Camera Control Interface	RS-232C (VISCA protocol)/RS-422 (VISCA protocol)
Dimensions (W x H x D)	180 x 210.1 x 205 (7-1/8 x 8-3/8 x 8-1/8 inches)
Effective Pixels	Approx. 0.69 megapixels <blank>
Focal Length	f = 3.6 to 43.2 mm (F1.6 to F2.8)
Focus System	Auto/Manual
Gain	Auto/Manual (-3 to 18 dB, 3 dB steps)
Horizontal Resolution	600 TV lines (4:3 mode)
Image Device	1/4.7 type IT Advanced HAD CCD x3
Image Flip	On/Off
Imager	CCD
Lens	12 x optical zoom 48 x with digital zoom <blank>
Minimum Illumination	7 lx (25 IRE, F1.6, 18dB)
Minimum Object Distance	300mm (wide end) 800mm (tele end)
ND Filter	-
Operating Temperature	0 degrees to 40°C (32°F to 104°F)
Optical Image Stabilizer	-
Pan Angle	-170 to + 170 degrees
Pan Speed	60 degrees/sec
Power Consumption	Max. 21.6W (Without optional card)
Power Requirements	DC 10.8 to 13.2 V
Preset Positions	6 positions
S/N Ratio	50 dB

Shutter Speed	1/10,000 to 1/4 sec.
Signal System	NTSC
Storage Temperature	-20 degrees to 60°C (-4°F to 104°F)
Synchronization	Internal/External
Video Output	(With an optional card) BRBK-302: SD-SDI BRBK-301: <blank> RGB Y/Cb/Cr Y/C Composite BRBK-304: i.LINK (DV) <blank> <blank> <blank> <blank>
Weight	2.7 kg (5 lb 15 oz.)
White Balance	Auto Indoor Outdoor One-push WB Manual
Product Description Attributes Specifications	Detail
SP_ID	

Accessories

Optional Accessories

Model:	Description:	U.S.List Price
BRCWMZ330	Wall mount bracket for BRC-Z330 and BRC-300	\$200.00
BRCSDP12	12" Outdoor Dome Housing BRC300	\$750.00
RMBR300	Remote Control Unit for the BRC-300 / H700 / Z700 / Z330 / H900	\$1,575.00
BRBK303	Optical Multiplex Card For BRC-300	\$875.00
BRBK304	i.LINK card that allows i.LINK DV output from the BRC-300 & the BRU-300 Optical Multiplex Unit	\$825.00
BRC300/RSDP2	2 Year Depot Service For BRC300, Reseller	\$460.80
BRU300	Optical Multiplex Unit For BRC-300	\$1,900.00
BRBK302	SDI Card for BRC-300 Camera	\$855.00
BRCWMALL	Wall mount bracket for BRC SERIES	\$220.00
BRBK301	Analog RGB/Component Card for BRC-300 Camera	\$430.00

Resources

Product Manual

Description:	Release Date	Type/Size
BRC-300 Operating Manuals		pdf / 1,531K
BRC Series System Guide		pdf / 12,401K
BRC-300 command manual		20_E.pdf / 136K
BRCWMALL		pdf / 540K

Brochure

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

Product Brochure

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