

## BRC-300P

Three 1/4-inch 7-type Advanced CCD sensors  
all-in-one SD robotic compact camera



### Overview

Sony's BRC-300/BRC-300P is a revolutionary all-in-one compact robotic color video camera system, specially designed for remote video shooting applications. The BRC-300/BRC-300P incorporates three 1/4.7-type Advanced HAD™ CCDs, that provide high-quality and high-resolution images in both 4:3 and 16:9 modes.

With its high-accuracy and wide-range Pan/Tilt/Zoom capability, the BRC-300/BRC-300P precisely captures the right points of the viewable area surrounding the camera to meet your needs. You 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. And when used with optional BRBK-303 Optical Multiplex Card and BRU-300 Optical Multiplex Unit, the BRC-300 is capable of being controlled from a long distance with a single fiber optic cable connection.

The BRC-300/BRC-300P also comes equipped with a card slot that accepts optional interface cards, enabling the camera to be integrated into every kind of system from S-Video to RGB, SDI or even fiber. In addition, two remote control interfaces (VISCA™ protocol) are available to provide additional expandability and flexibility for your remote shooting applications.

#### **Superb Picture Quality with a Mega Pixels 3-CCD.**

The BRC-300/BRC-300P incorporates three 1/4.7-type Advanced HAD CCD sensors with a total of 1,070,000 pixels. This camera delivers outstanding picture quality with high resolution and accurate color reproduction.

### Specifications

Camera	
Image Sensor	1/4.7-type IT Advanced HAD CCD x3
Image Sensor (Number of Effective Pixels)	Approx. 1.02 Megapixels
Image Sensor (Total Number of Pixels)	1.07 Megapixels
Signal System	BRC-300: NTSC BRC-300P: PAL
Sensitivity	NA
Minimum Illumination (25IRE)	7 lx (25IRE, F1.6, +18dB)
Horizontal Resolution	NA
S/N Ratio	50 dB

## Camera

Gain	Auto/Manual (-3 dB to +18 dB, 3 dB steps) switchable
Shutter Speed	BRC-300: 1/10,000 s to 1/4 s BRC-300P: 1/10,000 s to 1/3 s
Exposure Control	Auto, Manual, Priority mode (shutter priority & iris priority), Bright, spot AE
Color AE Function	No
White Balance	Auto/Indoor/Outdoor/One-push/Manual
Optical Zoom	12x
Digital Zoom	4x
Focusing System	Auto/Manual
Horizontal Viewing Angle	4:3 mode: 37.8°, 16:9 mode: 45.4°(Wide end)
Focal Length	f = 3.6 mm to 43.2 mm F1.6 (Wide), F2.8 (Tele)
Minimum Object Distance	300 mm (Wide) 800 mm (Tele)
Pan/Tilt Angle	Pan: $\pm 170^\circ$ Tilt: $+90^\circ/-30^\circ$
Pan/Tilt Speed	Pan: 0.25° to 60°/s Tilt: 0.25° to 60°/s
Preset Position	6

## Camera Features

Auto ICR	No
Wide-D	No
Image Stabilization	No
Image Flip	On/Off
ND Filter	No
Color Gain	No
Color Hue	No
Color Matrix	No
Color Detail	No
Skintone Detail	No
Gamma	No
Gamma Level	NA

## Camera Features

Black	NA
Black Gamma	NA
Knee Point	No
Knee Slope	NA
Knee Sat Level	NA
Auto Focus Assist Function	No
Flicker Cancel	No
B&W	No
Color Bar	No

## Interface

SD Video Output	VBS, Y/C
Camera Control Interface	RS-232C/RS-422 (VISCA)
External Sync. Input	Yes

## General

Power Requirements	DC 12 V
Power Consumption	21.6 W (without optional cards)
Operating Temperature	0 °C to 40 °C 32 °F to 104 °F
Storage Temperature	-20 °C to +60 °C -4 °F to +140 °F
Dimensions (W x H x D) *1	180 x 210.1 x 205 mm 7 1/8 x 8 3/8 x 8 1/8 inches
Mass	2.5 kg 5 lb 8 oz
Optional Card Slots	Yes
Body Color	White
Size of Screw Hole for Tripod	1/4-20UNC, depth 6.5
Mountable Angle	±15°
Ceiling Mount	Yes

## General

Supplied Accessories	IR Remote Commander Unit (1) AC power adaptor (1) AC power cord (1) RS-422 connector plug (1) Ceiling bracket (2) Wire rope (1) Screws (7) Operating instructions (1)
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## Notes

Note	*[1] The values for dimensions are approximate.
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## Gallery



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