

BRC-AM7

Premium PTZ Auto Framing Camera with AI Analytics, 4K 60p, 20x optical zoom. High interoperability with other production systems



Specifications

Camera

Imaging Device (Type)	1.0-type Exmor RS CMOS sensor
Built-in Optical Filters	Clear, linear variable ND (1/4ND~1/128ND)
Recording Format (Video)	XAVC HS : HEVC Long, XAVC S-I : AVC Intra, XAVC S : AVC Long
Recording Format (Audio)	LPCM 24bits, 48kHz, 4CH
Focus Type	Phase-detection AF / Contrast-detection AF
Zoom	Optical Zoom : 20x Clear Image Zoom : 1.5 x at QFHD resolution, 2.0 x at FHD resolution
Focal Length (35mm equivalent)	f = 24 mm~480 mm
	S-Cinetone, ITU709, 709tone, 709(800%), s709, HLG_Live,

Gamma Curve	HLG_Natural, HLG_Mild, S-Log3
Pan-Tilt Section	Pan/Tilt Angle Pan: -175 deg.~175 deg. Tilt: -30 deg.~+210 deg.
	Pan/Tilt Speed Pan: 0.004 deg./s~180 deg./s Tilt: 0.004 deg./s~180 deg./s
	Operation Noise : NC25 or less ¹
	Preset position : 100
PTZ Auto Framing	Yes
Output Format	12G-SDI 3840 x 2160 : 59.94p, 50p, 29.97p, 25p, 23.98p 1920 x 1080 : 59.94p, 50p, 59.97i, 50i, 29.97p, 25p, 23.98p, 29.95PsF, 25PsF, 23.98PsF
	3G-SDI 1920 x 1080 : 59.94p, 50p, 29.97p, 25p, 23.98p
	HDMI 3840 x 2160 : 59.94p, 50p, 29.97p, 25p, 23.98p

1920 x 1080 : 59.94p, 50p,
59.97i, 50i, 29.97p, 25p,
23.98p
720 x 480 : 59.94p
720 x 576 : 50p

Network/IP Streaming

Protocols	RTSP, RTMP, VISCA over IP, SRT, NDI HX
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Input/Output

Media Type	CFexpress Type A / SD card (x2)
Audio Input	XLR-type 3-pin (female) (x2), line/mic/mic +48 V selectable Mini-phone (φ3.5 mm)
12G-SDI Output	BNC (x1), 12G-SDI, 6G-SDI, 3G-SDI (Level A/B), HD-SDI
3G-SDI Output	BNC (x1), 3G-SDI (Level A), HD-SDI
HDMI Output	Type-A connector (x1)
Genlock Input	BNC (x1), 1.0Vp-p, 75 Ω
TC Input/TC Output	BNC (x1), TC IN only
Optical Output ²	SFP+ compliant (x1)
Network	RJ-45 (LAN) (x1), 1000BASE-T RJ-45 (OPTION) (x1), Red Tally

Remote Control	IO / Green Tally IO RJ-45 (RS-422) (x2), VISCA IN, VISCA OUT
DC Input	XLR-type 4-pin (male)
General	
Power requirements	XLR-DC IN : 11 V~17 V PoE++ : 41.1 V~57.0 V (IEEE802.3bt Type 4 Class 8 compliant)
Operating Temperature	0 °C40 °C
Storage Temperature	-20 °C+60 °C
Dimensions (W x H x D)	168.7 x 225.2 x 192.3 mm ³
Mass	Approx. 3.7 kg
Size of Screw Hole for Tripod	3/8-16UNC (x1), 1/4-20UNC (x1)
Web App	PC / Tablet (Windows / Mac / iPad / Android)

Notes	
*1	Sony measurement conditions.
*2	Output is same as 12G-SDI, output only.

*3

Without projecting object and rubber feet.

Related products



SRG-A40

PTZ Auto Framing Camera with AI Analytics, 30x (w/CIZ) zoom, and NDI®|HX capability



SRG-A12

PTZ Auto Framing Camera with AI Analytics, 12x optical zoom, and NDI®|HX capability



BRC-X1000

Premium 4K30P PTZ Camera with 12x optical zoom and uncompromising broadcast picture quality



BRC-H800

Premium Full HD PTZ Camera with 12x optical zoom and uncompromising broadcast picture quality



BRC-X400

Premium 4K30P IP PTZ Camera with 30x (w/CIZ) zoom and NDI®|HX capability for use in a wide range of environments



HXC-FZ90

HXC-FZ90 portable studio camera system for 4K/HD production



HDC-3200

2/3-inch 4K 3CMOS Camera System



HDC-3500

Three 2/3-inch 4K CMOS sensors portable system camera for fibre operation



RCP-3100

Joystick type of remote control panel for HDC/HSC/HXC series cameras.
5 units in 19-inch EIA rack.



RCP-3500

Remote-control panel for HDC/HSC/HXC series cameras



VENICE

Next generation camera with forward thinking full frame sensor, phenomenal colour science and user-friendly operation.



VENICE 2

Full-frame digital cinema camera with internal X-OCN recording and choice of 8K and 6K sensors.



BURANO

Versatile, lightweight, and compact full-frame 8K cinema camera with 16 stops of latitude. Easily configurable for solo and team production

Gallery

