

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 24 bits, 48 kHz, 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 (1.38 in equivalent)	f = 0.94 in ~18.90 in
	S-Cinetone, ITU709, 709tone,

Gamma Curve	709 (800%), s709, HLG_Live, 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
-----------	--

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 (φ0.14 in)
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)	6.57 x 8.87 x 7.57 in 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 the 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 HD production



HDC-3200

2/3-inch 4K 3CMOS Camera System



HDC-3500

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



RCP-3100

Joystick-type 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 color 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

