

## 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<br>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<br>Pan: -175 deg.~175 deg.<br>Tilt: -30 deg.~+210 deg.   |
|                  | Pan/Tilt Speed<br>Pan: 0.004 deg./s~180 deg./s<br>Tilt: 0.004 deg./s~180 deg./s   |
|                  | Operation Noise: NC25 or less <sup>1</sup>  |
|                  | Preset position: 100  |
| PTZ Auto Framing | Yes   |
| Output Format    | 12G-SDI<br>3840 x 2160: 59.94p, 50p, 29.97p, 25p, 23.98p<br>1920 x 1080: 59.94p, 50p, 59.97i, 50i, 29.97p, 25p, 23.98p, 29.95PsF, 25PsF, 23.98PsF |
|                  | 3G-SDI<br>1920 x 1080: 59.94p, 50p, 29.97p, 25p, 23.98p   |
|                  | HDMI<br>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 <sup>2</sup> | SFP+ compliant (x1)   |
| Network                     | RJ-45 (LAN) (x1), 1000BASE-T<br>RJ-45 (OPTION) (x1), Red Tally                    |

|                |  |
|----------------|--|
| Remote Control | IO/Green Tally IO<br>RJ-45 (RS-422) (x2), VISCA IN,<br>VISCA OUT |
|----------------|--|

|          |                       |
|----------|-----------------------|
| DC Input | XLR-type 4-pin (male) |
|----------|-----------------------|

## General

|                    |  |
|--------------------|--|
| Power requirements | XLR-DC IN: 11 V~17 V<br>PoE++: 41.1 V~57.0 V<br>(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 <sup>3</sup> |
|------------------------|------------------------------------|

|      |                |
|------|----------------|
| Mass | Approx. 3.7 kg |
|------|----------------|

|                               |                                |
|-------------------------------|--------------------------------|
| Size of Screw Hole for Tripod | 3/8-16UNC (x1), 1/4-20UNC (x1) |
|-------------------------------|--------------------------------|

|         |   |
|---------|---|
| Web App | PC/Tablet<br>(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. <br>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

