

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 Exmore 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 |
|-----------|---|

Input/Output

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|-----------------------------|--|
| 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 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

