# SONY

Network PTZ Cameras

Why Sony?

Sony is a recognized leader in the world of professional imaging technology.

Across both consumer and professional applications, Sony is a foremost global manufacturer of high-quality products that go from lens to living room. Sony offers unbeatable, reliable products with progressive technology resulting in a variety of robotic cameras that are ideal for a range of markets including education, broadcast, production, corporate, faith, sports, healthcare and government.

Classrooms/Large Auditoriums/Conference Rooms

From classrooms, lecture halls to conference centers, our BRC and SRG remote cameras ensure speakers and audience members are always clearly visible. Stream lectures, presentations and live performances with broadcast-quality images in 4K or Full HD. Speed control and silent PTZ movement frames presenters and audience reactions with fluid, professional camera moves. Multiple interfaces, flexible control options and Power over Ethernet make them easy to integrate into any size venue.
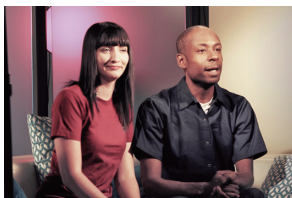
Broadcast/Reality TV/Production

Our BRC feature-packed remote cameras deliver impeccable images in 4K or Full HD for TV stations, cable channels and internet broadcasters. Excellent low light sensitivity & smooth, silent, PTZ movement makes them a discreet choice for capturing the action in reality TV shows. Achieve dependable on-air operation with tally lamps, professional interfaces, and genlock for smooth integration into multi-camera broadcast environments and reduce costs by remotely controlling cameras with a single operator.

House of Worship

Capture every detail of services, weddings and other ceremonies in any size venue. Our discreet remote cameras are the natural choice for streaming crisp video footage in impressive 4K or Full HD from your house of worship to online audiences and members of the congregation. High sensitivity delivers exceptional image quality even in low-light environments and our powerful optical zoom technology acquires close up details from a discrete distance.

Government/Event/Location Shooting

Get closer to the civil proceeding, debate or press conference from venues around the globe with effortlessly smooth BRC & SRG PTZ cameras. Give your viewing audience a prime seat to the action with the ability to support up to 100 cameras via IP connection remotely with Sony's RM-IP500/1 controller.

Healthcare/Medical Recording & Training

From patient monitoring to surgical recording/training, Sony's BRC & SRG cameras provide the high-quality and reliability required by critical health professionals. With a host of interfaces to enable simple connectivity to other room devices, Sony PTZ cameras are just what the doctor ordered.

Optimal Imaging Quality for Any Situation

Sony develops all of the camera block's key components, including lenses, sensors, and processors. Our design experience in both consumer and commercial professional markets ensures optimal quality for the camera block's color parameters across a wide range of applications.

As a leading manufacturer of imagers, Sony is continually developing and adapting cutting-edge imaging technology to provide premium image quality.

Lens Optics

Image Sensor

Imaging Technology

Image Processor
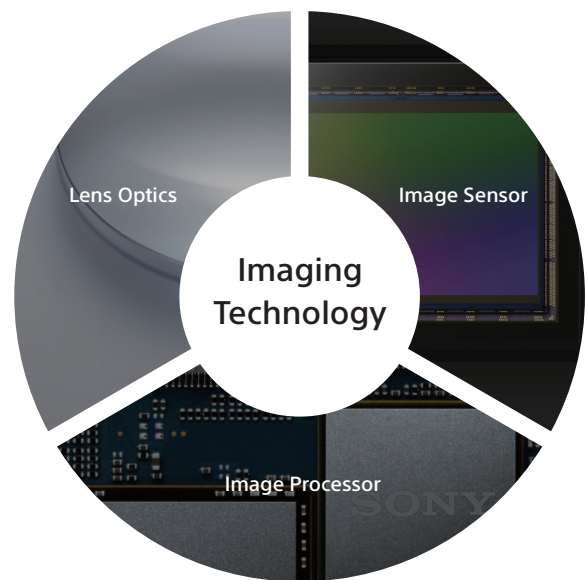
Professional Features
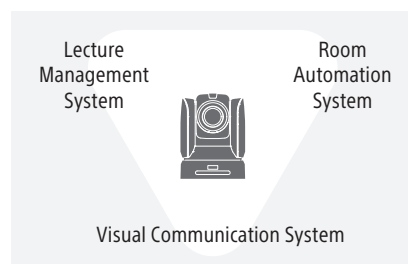
System compatibility
Benefitting from a long history with network cameras, Sony has developed close ties with numerous partner vendors – enabling excellent compatibility with peripheral devices.

Lecture Management System

Room Automation System

Visual Communication System
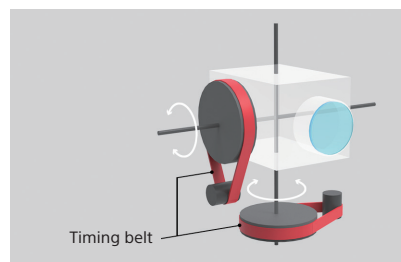
Precision
Exceptional performance is provided thanks to advanced technical knowledge gained in the professional arena: The PT drive's use of a timing belt delivers professional-level accuracy and smoothness; and an optimal control parameter makes it possible to realize intuitive operation faithfully, via the controller.

Timing belt

Durability
Our cameras have passed stringent testing – including lens durability testing and pan/tilt operational tests – to ensure they meet the standards of demanding professional users for both quality and reliability.

Discreet and Complementary Style

Our black and white camera's minimalist design complements any décor, blending seamlessly and stylishly into the room.
It is possible to suspend the cameras from the ceiling, making them ideal for venues where participants need to concentrate without distraction.

BRC-X1000 Series 4K HD

Remotely capture broadcast quality 4K/HD images with smooth, silent PTZ and excellent low-light sensitivity

The BRC-X1000 Series is Sony's first 4K remote camera, combining uncompromising broadcast picture quality and smooth, silent PTZ operation with the flexibility of Power over Ethernet (PoE+).
The BRC-X1000 Series is a key migration model - it takes you from HD today to 4K tomorrow with its resolution options.

BRC-X1000/1 (black)　　　　BRC-X1000/WPW (white)

BRC-H800 Series HD

Remotely capture broadcast quality Full HD images with smooth, silent PTZ and excellent low-light sensitivity.

The BRC-H800 remote cameras combine uncompromising broadcast picture quality and smooth, silent PTZ operation with Power over Ethernet)PoE+, 3G-SDI and HDMI connections.
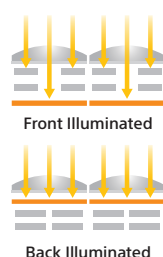
BRC-H800/1 (black)　　　　BRC-H800/WPW (white)

Key Features

High Quality and Fine Detail

Breathtaking 4K/HD Quality

Front Illuminated

Back Illuminated

Sony's back-illuminated 1.0 - type Exmor R sensor, unique digital image processor and reliable Zeiss lens enable you to shoot high-sensitivity 4K and HD video with low noise. Teleconvert mode and Clear Image Zoom maintain a high-quality image, even when zooming (up to 48x).

* Only available at 1,920×1,080 output

- **Broadcast-quality Full HD 60p images**
- **12x Optical Zoom and 18x (4K) or 24x (HD) with Clear Image Zoom Technology**
- **Excellent low light sensitivity**
- **Flexible installation**
- **RCP Connectivity**
- **Genlock**
- **Front and rear tally lamps**

Enhanced Pan/Tilt/Zoom (PTZ) Operation

Accurately re-frame shots or track moving subjects with smooth, speedy, near-silent remote control of pan, tilt and zoom functions. A high-torque, high-resolution motor coupled with a low speed zoom and a slow pan/tilt mode delivers precise, jitter-free pan/tilt movements.

120°
340°
Variable Speed
0.3° to 60°/sec
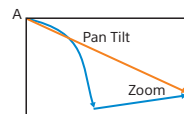
Professional Camerawork

PTZ motion sync blends separate pan, tilt and zoom during preset movement to deliver super-smooth results.

PTZ Trace Memory function allows a sequence of camera movements to be memorized and followed. PTZ Motion Sync smoothly blends separate pan/tilt/zoom movements for seamless, professional-looking transitions. Up to 100 preset positions for PTZ operations.

Boost Efficiency with Remote Control

Effective One-Person /Operation

Remotely control multiple cameras without multiple operators. IP settings can be configured automatically without manual IP set-up on a PC with the RMIP500/1's auto-IP set up function.

* BRC-X1000/1: Black Color   BRC-X1000/WPW: White Color

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BRC-H900 **HD**

Remotely capture broadcast quality Full HD images with smooth, silent PTZ operation.

The BRC-H900 remote studio camera combines uncompromising broadcast picture quality with the flexibility of PTZ operation.

Key Features

Broadcast quality Full HD images
The BRC-H900 delivers uncompromised broadcast quality color pictures in Full HD, thanks to three 1/2-type Exmor CMOS sensors. Advanced picture adjust functions include matrix, color correction, white, detail, knee, gamma, master black, black gamma and flicker cancel.

High quality 14x optical zoom lens
The high quality lens with 14x optical zoom range covers wide angle shots as well as tight close-ups.

Smooth, silent Pan/Tilt/Zoom (PTZ) operation
Accurately re-frame shots or track moving subjects with smooth, quiet remote control of pan, tilt and zoom functions. There's also a slow pan/tilt mode for precise, jitter-free low-speed camera movements.

Flexible installation
The BRC-H900 is equally suitable for ceiling, desktop or tripod mounting, with an 'Image Flip' function that automatically ensures the correct output orientation in any installation environment. Ceiling bracket included.

Remote operation
Pan/tilt/zoom and other camera settings can be controlled using the supplied IR remote commander, or with the optional RM-IP500/1 Remote Control Unit that can control multiple cameras.

Optional IP control
Large-scale systems of up to 100 BRC-H900 cameras can be controlled over standard IP networks by adding the optional BRBK-IP10 IP remote control board and RM-IP500/1 remote controller.

Wide range of expansion options
The camera can be configured with a choice of optional accessory cards, including the BRBK-HSD2 (HD/SD-SDI output), BRBK-SF1 (HD optical multiplex) and BRBK-IP10 (IP control).

Front and rear tally lamps
Ideal for on-air broadcast use, the BRC-H900 features dual tally lamps on the front and rear of the camera body.

RM-IP500/1

Easy, ergonomic PTZ control of multiple remote cameras for live events, production and contents creation.

This compact remote controller features a high-quality joystick that allows seamless pan, tilt and zoom adjustments of compatible Sony PTZ remote cameras. Zoom can also be controlled via the joystick or a supplementary seesaw lever; dedicated knobs and control buttons simplify direct access to frequently-needed camera functions.

High-quality control of PTZF functions
It's easy to achieve professional looking productions with joystick adjustment of pan and tilt, plus zoom control either via joystick or a separate seesaw lever. Adjustable speed control of PTZF allows smooth, acurate camera movements.

Control up to 100 BRC or SRG cameras via IP
The remote controller allows control of pan, tilt, zoom and other functions of up to 100 Sony BRC or SRG Series PTZ cameras over an IP network.

Simple set-up
System set-up is quick and simple, with automatic IP address assignment of connected cameras and auto assignment of camera numbers.

Store and recall camera presets
Up to 100 presets* (camera angles and settings) can be stored recalled instantly via the numeric keypad, saving time in multiple camera set-ups.

* Depends on camera specification. Version up might be required.

Tally indicator
Includes Normal Tally/On-Air Tally/Contact Modes.

Adjust camera paint functions
Color related settings - including black levels, white balance, flicker cancel, detail level, knee point, auto exposure level, iris, gain and shutter speed - can be adjusted directly without needing to use the camera menus.

SRG-360SHE
FHD 30x PoE+ Triple Output IP Steaming Camera

SRG-300SE Series
FHD 30x 3G-SDI IP Streaming Cameras

SRG-300H Series
FHD 30x HDMI Cameras

SRG-120D Series
**FHC 12x Desktop Cameras
(HDMI, USB3.0 or 3G-SDI)**

	3G-SDI	HDMI	IP Streaming	IP Control	USB 3.0	Desktop mountable	Ceiling mountable
SRG-360SHE	Yes	Yes	Yes	Yes	No	Yes	Yes
SRG-300SE	Yes	No	Yes	Yes	No	Yes	Yes
SRG-300H	No	Yes	No	Yes	No	Yes	Yes
SRG-120DS	Yes	No	No	Yes	No	Yes	No
SRG-120DH	No	Yes	No	Yes	No	Yes	No
SRG-120DU	No	No	No	Yes	Yes	Yes	No

Superb Full-HD 1080/60p Video with High Picture Quality

Incorporating Sony's 1 /2.8 inch-type Exmor CMOS sensor, the SRG Series provides high sensitivity, high quality full-HD (1920x1080/60p) images with extremely low noise. High frame rate (60p) operation ensures smooth, more fluid reproduction of moving subjects. Incorporating Sony's View-DR technology expands the camera's dynamic range for clear images under harsh backlighting with extremes of light and dark in the same scene. XDNR technology reduces image noise for crisp reproduction of still and moving objects under extreme or low-light conditions.

View-DR function OFF

View-DR function ON

Simulated images

Powerful Optical Zoom and Wide Viewing Angle

The SRG-360SHE, SRG-300SE and SRG-300H provide up to 30x optical zoom and 12x digital zoom for frame-filling, detailed close ups. The SRG-120DH, SRG-120DS and SRG-120DU provide up to 12x optical zoom and 12x digital zoom. Responsive autofocus ensures images stay clear and sharp, even at high zoom settings.   Wide horizontal viewing angle (71 degrees SRG-120 Series and 65 degrees SRG-360SHE and SRG-300 series) maximizes effectiveness in room settings when there are many participants, making these cameras ideal for small to large classrooms, meeting rooms and auditoriums.

Wide-end

30x Optical Zoom
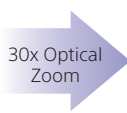
Tele-end

Simulated images

- VISCA-over-IP
- PoE+ for flexible powering options (SRG-360SHE only)
- Enhanced audio quality with equalizer and auto lip-sync function (SRG-360SHE only)
- Enhanced PTZ operation
- Simultaneous transmission of 3G-SDI, HDMI and IP H.264 Full HD video (SRG-360SHE only)
- Connects simply to a variety of interfaces
- UVC camera controls (SRG-120DU only)
- UP to 256 camera preset positions
- Additional features:
  - Compact and stylish body
  - Available in black or white housing (SRG-300 series only)
  - Quick and silent PTZ motors – ideal for noise-restricted environments
  - Flexible installation with E-Flip Function for desktop or ceiling mount (SRG-360SHE, SRG-300SE and SRG-300H only)

- **Optional Accessories Include:**
  - **RMIP10 IP Remote Controller –** up to 112 cameras can be controller from one remote control unit and up to 16 camera positions can be preset and recalled.
  - **EZ-2-Connect Packages – Power, Video and Control Solutions**
    Installation headaches are a thing of the past when you combine an SRG camera with a CAT5e/6 cabling kit. Just one standard Ethernet cable enables power and control – saving you time and money. RC5-SRG Single Cable Kit (Ethernet-HDMI) and RC4-SRG Single Cable Kit (VISCA-HDMI) is compatible with SRG-300H Series and SRG-120DH cameras.

Peripheral Equipment

RM-IP500/1
IP Remote Controller

- Control via High-quality joystick or seesaw lever
- Knobs and control buttons simply access to camera functions
- Automatic IP address and camera number assignment
- Control up to 100 BRC or SRG cameras via IP
- Store & recall up to 100 presets
- Adjust camera paint functions
- Adjustable PTZF for smooth, accurate camera movements

MCX-500
Multi-Camera Live Producer

- Smart controls with configurable LCD Touchscreen
- Mix between 8 video sources + 1 Title (total 9 inputs)
- Multi-view monitoring

RM-IP10
IP Remote Controller

- Comfortable P/T/Z operation with the optical three-axis joystick
- Versatile camera adjustment by simple panel operation
- The use of IP technology allows flexible installation and easy operation
- Preset feature saves camera settings (up to 16 positions)

RCP-1500/1530
Remote Control Panel

- Paint control for Sony remote camera and system camera
- IRIS/Master Pedestal Control with joystick
- Ethernet cable operation

CNA-1
Camera Control Network Adaptor

- Command conversion between BRC-H900 and RCP-1500/1530
- Option soft HZC-BRCN1 is required.

Optional Accessories

BRBK-IP10*
IP Control Card
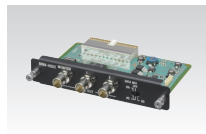
BRBK-HSD2*
HD/SD-SDI Output Card

BRU-SF10*
HD Optical Multiplex Unit (Supports Single-mode optical fiber)

BRZ-12CDH
Environmental Dome Housing**

KT-STRUT
Uni Strut Wall/Ceiling Mount Kit***

KT-WPM2
Wall/Pole Mount Kit***

KTSONY38042ST
Fiber Conversion Kit
(two BNC connectors version)**

KTSONY38044ST
Fiber Conversion Kit
(four BNC connectors version)**

 * For BRC-H900
 ** For BRC-X1000/H800/H900
*** For BRZ-12CDH dome

Dimensions

BRC-X1000 Series

FRONT — SIDE

90°
30°
10 1/4 (260)
7/32 (5)
Ø7 7/8 (198)
4 (99)
9 3/8 (238)
7 1/2 (190)

BOTTOM
1/4 (102)
2-1/4 Tripod screw hole
4-M3
2 3/8 (58)
2 1/8 (51)
3 7/8 (98)
5 7/8 (149)
3 7/8 (98)

BRC-H900

FRONT — SIDE

90°
30°
10 1/4 (260)
7/32 (5)
Ø7 7/8 (198)
4 (99)
9 3/8 (238)
7 1/2 (190)

BOTTOM
4 1/8 (102)
Tripod screw hole
4-M3
2 3/8 (58)
2 1/8 (51)
3 7/8 (98)
5 7/8 (149)
3 7/8 (98)

BRC-H800 Series

FRONT — SIDE

90°
30°
10 1/4 (260)
7/32 (5)
Ø7 7/8 (198)
4 (99)
9 3/8 (238)
7 1/2 (190)

BOTTOM
1/4 (102)
2-1/4 Tripod screw hole
4-M3
2 3/8 (58)
2 1/8 (51)
3 7/8 (98)
5 7/8 (149)
3 7/8 (98)

RM-IP500/1

FRONT — SIDE — 8 3/4 (222)
6 3/8 (159.3)
2 3/8 (58.9)
3/32 (1.8)
8 7/8 (224.1)

TOP
12 1/8 (306)

Unit: inches (mm)

Rear Panels

BRC-X1000 Series
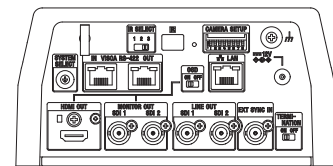
BRC-H900
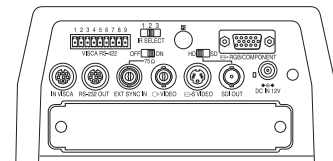
BRC-H800 Series
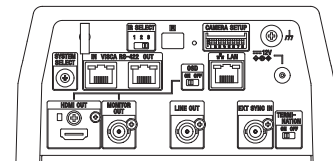
RM-IP500/1
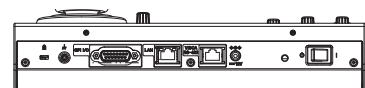
Network Camera Line up by Application

Broadcast Studios	Auditoriums, Assembly Halls	Worship and Event Spaces	Network Broadcasting	Education	Corporate	Training/Operating Rooms	Remote Patient Monitoring	Videoconferencing, Huddle Space
Broadcasting & High-End Production			Live Streaming, Production, Image Recording, Healthcare			Remote Monitoring/Acquisition	Visual Communications	

Model	BRC-X1000/1, BRC-X1000/WPW	BRC-H900	BRC-H800/1, BRC-H800/WPW	SRG-360SHE	SRG-300SE	SRG-300H / SRG-300H/W	SRG-120DH	SRG-120DS	SRG-120DU
Interface	3G-SDI *1 / MI	HD-SDI ***	3G-SDI / HDMI	3G-SDI / HDMI / IP	3G-SDI / IP	HDMI	HDMI	3G-SDI	USB
Sensor	1.0-type Exmor R CMOS sensor	1/2-type Exmor CMOS 3x sensor	1.0-type Exmor R CMOS sensor	1/2.8-type Exmor CMOS	1/2.8-type Exmor CMOS	1/2.8-type Exmor CMOS	1/2.8-type Exmor CMOS	1/2.8-type Exmor CMOS	1/2.8-type Exmor CMOS
Signal format	2160/29.97p, 25p, 23.98p 1080/59.94p, 59.94i, 50p, 50i, 23.98p 720/59.94p, 50p	1080/59.94i 50i 720/59.94p, 50p NTSC, PAL	1080/59.94p, 59.94i, 50p, 50i, 23.98p 720/59.94p, 50p	1080/59.94p, 59.94i, 50p, 50i, 29.97p, 25p 720/59.94p, 50p, 29.97p, 25p	1080/59.94p, 59.94i, 50p, 50i, 29.97p, 25p 720/59.94p, 50p, 29.97p, 25p	1080/59.94p, 59.94i, 50p, 50i, 29.97p, 25p 720/59.94p, 50p, 29.97p, 25p	1080/59.94p, 59.94i, 50p, 50i, 29.97p, 25p 720/59.94p, 50p, 29.97p, 25p	1080/59.94p, 59.94i, 50p, 50i, 29.97p, 25p 720/59.94p, 50p, 29.97p, 25p	1080/59.94p, 59.94i, 50p, 50i, 29.97p, 25p 720/59.94p, 50p, 29.97p, 25p 720/15p(USB2.0)
Zoom	Optical 12x Max. 18x at 4K*2 Max. 48x at FHD*3	14x	Optical 12x Max. 48x at FHD*1	Optical 30x Max. 360x *1	Optical 30x Max. 360x *1	Optical 30x Max. 360x *1	Optical 12x Max. 144x*1	Optical 12x Max. 144x*1	Optical 12x Max. 144x*1
Pan/Tilt Speed	Pan: 0.3° to 60°/s Tilt: 0.3° to 60°/s	Pan: 0.22° to 60° /s Tilt: 0.22° to 60° /s	Pan: 0.3° to 60°/s Tilt: 0.3° to 60°/s	Pan: Max. 60°/s Tilt: Max. 60°/s	Pan: Max. 100°/s Tilt: Max. 90°/s	Pan: Max. 100°/s Tilt: Max. 90°/s	Pan: Max. 300°/s Tilt: Max. 126°/s	Pan: Max. 300°/s Tilt: Max. 126°/s	Pan: Max. 300°/s Tilt: Max. 126°/s
Horizontal Viewing Angle	64.6 degree (Wide)	59.6 degree (Wide)	64.6 degree (Wide)	Approx. 65 degree (Wide)	Approx. 65 degree (Wide)	Approx. 65 degree (Wide)	71 degrees (Wide)	71 degrees (Wide)	71 degrees (Wide)
Preset Position	100	16	100	256 (CGI), 16 (VISCA)	256 (CGI), 16 (VISCA)	16	16	16	16
Wide Dynamic Range	No	-	No	Yes (View DR technology)	Yes (View DR technology)	Yes (View DR technology)	Yes (View DR technology)	Yes (View DR technology)	Yes (View DR technology)
Picture Adjustment	Gamma/Knee/Detail/Black gamma/Color matrix	Gamma/Knee/Detail/Black gamma/Color matrix	Gamma/Knee/Detail/Black gamma/Color matrix	-	-	-	-	-	-
Audio input	-	-	-	Yes	Yes	-	-	-	-
Ext. Sync	Yes	Yes	Yes	-	-	-	-	-	-
Power	DC12 V, PoE+	DC10.8V to 13.2V	DC12 V, PoE+	DC12 V, PoE+	DC12 V	DC12 V	DC12 V	DC12 V	DC12 V
Control	RS-422 (VISCA)/RJ-45 (VISCA over IP)	RS-422, RS-232C IP Control Optional**	RS-422 (VISCA)/RJ-45 (VISCA over IP)	RS-422 (VISCA)/RJ-45 (VISCA over IP)	RS-422 (VISCA)/RJ-45 (VISCA over IP)	RS-232C, RS-422 (VISCA)/RJ-45 (VISCA over IP)	RS-232C (VISCA)/RJ-45 (VISCA over IP)	RS-232C (VISCA)/RJ-45 (VISCA over IP)	RS-232C (VISCA)/RJ-45 (VISCA over IP)
Ceiling Mount	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
Remark	*1 with Dual link 3G-SDI (2SI only) for 4K video output *2 with 1.5x Clear Image Zoom *3 with 2x Clear Image Zoom and 2x Tele Convert Mode	** IP control optional w/ BRBK-IP10 Board *** Component (Y/Pb/Pr) RGB	*1 with 2x Clear Image Zoom and 2x Tele Convert Mode	*1 with 12x Digital Zoom	*1 with 12x Digital Zoom	*1 with 12x Digital Zoom	*1 with 12x Digital Zoom	*1 with 12x Digital Zoom	*1 with 12x Digital Zoom

* BRC-X1000/1: Black Color   BRC-X1000/WPW: White Color   BRC-H800/1: Black Color   BRC-H800/WPW: White Color

Specifications

	BRC-X1000/1 (black) BRC-X1000/WPW (white)	BRC-H900	BRC-H800/1 (black) BRC-H800/WPW (white)	SRG-360SHE	SRG-300SE (black) SRG-300SE/W (white) SRG-300H (black) SRG-300H/W (white)	SRG-120DH SRG-120DS SRG-120DU
General						
Power Requirements	DC 10.8V to 13.2V, PoE+ (IEEE802.3at compliant)	DC10.8V to 13.2V	DC 10.8V to 13.2V, PoE+ (IEEE802.3at compliant)	DC 12V (DC 10.8 V to 13.2V)	DC 12V (DC 10.8 V to 13.2V)	DC 12V (DC 10.8 V to 13.2V)
Power Consumption	DC12 V.21.5 W (max), PoE+ 25.5 W (max)	Max 28.8 W (without optional cards)	DC12 V.19.0W (max), PoE+ 23.0 W (max)	Max. 30 W	16.8 W	16.8 W
Dimensions (W x H x D)	Approx. 7 7/8 x 10 ¼ x 9 3/8 inches Approx.198 x 260 x 238 mm (without projecting object)	Approx. 7 7/8 x 10 1/4 x 9 3/8 inches Approx. 198 x 260 x 238 mm (without projecting object)	Approx. 7 7/8 x 10 ¼ x 9 3/8 inches Approx.198 x 260 x 238 mm (without projecting object)	6 3/8 x 7 ½ x 8 inches 159 x 187.5 x 200.5 mm	6 ¼ x 6 ½ x 6 ½ inches 157 x 164 x 163 mm	6 1/8 x 6 ¼ x 6 1/8 inches 153 x156 x 153 mm
Weight	Approx. 9 lb, 7.7 oz Approx. 4.3 kg	Approx. 11 lb 0.37oz Approx. 5.0 kg	Approx. 9 lb, 7.7 oz Approx. 4.3 kg	Approx. 4 lb 10 oz Approx 2.1 kg	Approx. 3 lb 3.1 oz Approx. 1.45kg	Approx. 3 lb 3.1 oz Approx. 1.45kg
PoE+	Yes	No	Yes		No	
Operating Temperature	32 °F to 104 °F (0 °C to 40 °C)					
Storage Temperature	-4 °F to +140 °F (-20 °C to +60 °C)					
Ceiling Mount	Yes					No
Supplied Accessories	IR Remote Commander (1), AC power adaptor (1), AC power cable (1), Ceiling bracket (1), wire rope (1), HDMI cable fixing plate (1), Screw M3 x 8 (7), Screw M4 x 8 (1)	IR Remote Commander Unit (1), AC Power adaptor (1), AC power cord (1), Ceiling bracket (2), RS-422 connector plug (1), Ceiling bracket (2), Wire rope (1), Screws (M3 x 8) (7), Screws (M4 x 8) (1), Operating instructions (1)	IR Remote Commander (1), AC power adaptor (1), AC power cable (1), Ceiling bracket (1), wire rope (1), HDMI cable fixing plate (1), Screw M3 x 8 (7), Screw M4 x 8 (1)	IR Remote Commander (1), AC power adaptor (1), AC power cable (1), Ceiling bracket (1), wire rope (1), HDMI cable retainer (1), Screw M3 x 8 (9), Screw M2 6 x 6 (1)	AC power adaptor (1), AC power cable (1), Ceiling bracket (2), wire rope (1), RS-422 connector plug (1), Screw M3 x 8 (8) SRG-300H Series: IR Remote Commander (1), AC power adaptor (1), AC power cable (1), Ceiling bracket (2), wire rope (1), RS-422 connector plug (1), Screw M3 x 8 (8)	IR Remote Commander (1), AC power adaptor (1), AC power cable (1)

	RM-IP500/1
Input/output connectors	
Control input/output	VISCA RS-422 : RJ-45 x 1 GPI I/O (Tally In/Contact Out) : D-Sub 15-pin (female) LAN : RJ-45 x 1, 10BASE-T/100BASE-TX automatically detected
Control signal format	9,600 bps/38,400 bps (for RS-422 communication)
	VISCA over IP communication
Power connector	JEITA type 4 (DC IN 12 V)
General	
Input voltage	12V DC (10.8 to 13.2V DC)
Current consumption	0.2A typ. (2.4 W)
Operating temperature	32°F to 104°F (0°C to 40°C)
Storage temperature	-4°F to 140°F (-20°C to 60°C)
Dimensions (W x H x D)	12 1/8 x 6 3/8 inches x 8 7/8 inches (306 mm x 159.3 mm x 224.1 mm) (excluding protrusions)
Weight	Approx. 5 lb 4.7 oz (Approx. 2.4 Kg)
Supplied Accessories	None. (Power Supply : Separate Option, Manual : Downloadable from Web site)

	BRZ-12CDH
General	
Dimensions	17 3/8 x 21 x 27.5 in (441.3 x 533.4 x 689.5 mm)
Weight	52 lbs. (23.58kg)
Optical Dome	Clear Cell Cast Acrylic
Input Power	90 ~ 305VAC, 47 ~ 63HZ, 2.5A/115VAC 1.3A/230VAC 1.1A/277VAC
Construction	Aluminum Alloy outer shell, Acrylic / PMMA bubble

Fiber Conversion Kits

KTSONY38042ST

Fiber Conversion Kit for BRC-X1000 and BRC-H800 series. Kit includes the transmitter(for two BNC Connectors) and receivers, Receiver has a single BNC connector, an RJ45, two BNC connectors and a single ST connector for fiber link.

KTSONY38044ST

Fiber Conversion Kit for BRC-X1000 and BRC-H800 series. Kit includes the transmitter (for two BNC Connectors) and receivers, Receiver has a single BNC connector, an RJ45, four BNC connectors and a single ST connector for fiber link.