SONY

SRG-XP1

Compact 4K60P IP POV Remote Camera with and 101° wide viewing angle lens



Overview

Easily shoot and stream high-quality 4K 60p video with this space-saving point of view remote camera that covers the whole room with its wide field of view.

The SRG-XP1 POV (point of view) camera offers an accessible entry point into the world of 4K video production. It's ideal for 'unattended' video streaming in environments including e-sports venues and reality TV shows, classrooms, meeting space and hospital operating rooms where it can also serve as a high-quality secondary camera.

Compact dimensions and simple installation make the SRG-XP1 ideal for multi-camera set-ups with no need for dedicated camera operators. It can be used on walls, ceilings, tripods and shelves, as well as space-limited locations where it's costly or impractical to install large numbers of full-size cameras.

The wide angle lens offers a generous over 102° (with Distortion correction: 85°) field of view (horizontal), allowing the camera to see an entire subject, even from very close range. It can also capture the entire audience in a classroom or auditorium – even from tricky positions where it's hard to install an ordinary room camera.

Streaming video, power and camera control signals are all carried over a standard Ethernet cable, reducing installation costs and simplifying integration in today's IP networked production environments.

Features

Robust, stylish and compact
Measuring just 72.4 × 51.2 × 121.7 mm and weighing 14oz, the SRG-XP1 can be readily integrated into any environment. Upper and lower tripod mounts increase installation flexibility. Rear panel guards assure extra robustness, and the large, easy-to-read tally lamp is useful in multiple camera set-ups.

Wide field of view
The wide angle lens covers a generous over 102° (with Distortion correction: 85°) field of view (horizontal). As well as accommodating the presenter's entire face or body from close range without cropping, it can also cover the entire room, ensuring that everyone is visible in the frame.

Multiple streaming outputs
Streaming video available over HDMI, Ethernet and USB 3.0* interfaces offers even greater operational flexibility.
* UVC full functionality will be supported by the end of 2020.

Easy IP connectivity, single-cable installation
Camera control, PoE and streaming video output are carried over a single Ethernet cable, reducing installation costs and simplifying integration in space-restricted or hard-to-reach locations. Full IP integration includes support for Real Time Streaming Protocol (RTSP), Real Time Messaging Protocol (RTMP) and Secure Reliable Transport (SRT). Support for NDI ®|HX is also available.

High quality 4K 60p images

The camera's large 1/1.8-type Exmor R CMOS sensor captures smooth, crisply detailed 4K 60p video with excellent low-light sensitivity.

Broadcast-style tally light
The camera-mounted tally light gives visual confirmation to the lecturer or presenter when the camera is active. The horizontal bar-style light is easily visible to both performer/presenter and director.

Audio input
Connect an external microphone or line-level source to capture clear pictures plus sound in lecture theatres and meeting rooms or on reality TV shows.

Specifications

Specifications	
Image Sensor	1/1.8 CMOS
Image Sensor (Number of Effective Pixels)	Approx. 8.40 Megapixels
Signal System	3840×2160/59.94p 3840×2160/29.97p 1920×1080/59.94p 1920×1080/59.94i 1920×1080/29.97p 1280×720/59.94p 1280×720/29.97p 640×360/59.94p 640×360/29.97p 3840×2160/50p 3840×2160/25p 1920×1080/50p 1920×1080/50i 1920×1080/25p 1280×720/50p 1280×720/25p 640×360/50p 640×360/25p 640×480/59.94p *1 *1 HDMI output only.
Minimum Illumination (50IRE)	0.5 lux (4K output, 50 IRE, 1/30s)
Shutter Speed	1/10000s to 1/1s
Optical Zoom	N/A
Digital Zoom	up to 3x pixel zoom, 2x digital zoom
Horizontal Viewing angle	Approx. 102°
Focal Length	f = 4.57 mm, F1.7 f = 21 mm (35 mm camera equivalent)
Minimum Object Distance	300 mm (WIDE/TELE)
Number of preset	256 (CGI/VISCA)

Camera Features

Day/Night	Yes
Image Flip	Yes
Tally Lamp	Yes
IP Compression Format	ITU-T H.264/H.265
Bitrate Compression Mode	CBR/VBR (selectable)
NDI®|HX Capability	Yes (requires a license; sold separately)
Audio Channel	2 ch
Audio Codec	AAC LC 256 kbps/ST (IP) AAC LC 128 kbps/ST (IP)

Interface

Video Output	HDMI/USB(3.0)
HDMI Color Space	YUV, 4:2:2 8-bit YUV, 4:2:0 8-bit RGB, 4:4:4 8-bit
Camera Control Interface	VISCA over IP, CGI
Audio Input	Mini jack ø3.5(Plug-in-Power supported)
Power terminal	IEC60130-10 (JEITA standard RC-5320A) TYPE 4

General

Power Requirements	DC 12 V (AC adapter 100 V to 240 V, 50/60 Hz), PoE (IEEE802.3af compatible)
Power Consumption	DC 12 V:12.5 W PoE input:12.9 W
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Storage Temperature	–20 °C to +60 °C (–4 °F to +140 °F)
Dimensions (W x H x D)	72.4 × 51.2 × 121.7 mm (2 7/8 × 2 1/8 × 4 7/8 inches) (width/height/depth) (excluding protrusions)
Mass	Approx. 0.41 kg (14 oz)
Body Color	Black and White
Size of Screw Hole for Tripod	4.5 mm to 6 mm (3/16 in. to 1/4 in.)
Mountable Angle	Less than ±45 degrees to the horizontal
Ceiling Mount	Yes

General

Supplied Accessories	Safety Regulations (1) AC adapter (1) Remote commander (1) Wire rope (1) Mounting screws (M3×8) (1) Mounting screws (M2.6×6 black) (1) HDMI cable fixing plate (1)

Related products



BRC-X1000

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



SRG-X400

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



REA-C1000 Edge Analytics Appliance

Edge Analytics Appliance



SRG-XB25

Compact 4K60P IP BOX-style Remote Camera with 25x optical zoom

Gallery


SONY
Compatible with ClickShare Conference
BARCO
PRODUCT of the YEAR
NAB SHOW
WINNER


SONY






SONY


SONY


SONY
12V
LAN
AUDIO IN
HDMI
VIDEO OUT


SONY
12V
LAN
AUDIO IN
HDMI
VIDEO OUT


SONY


SONY


SONY


SONY







© 2004 - 2026 Sony Corporation. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Features and specifications are subject to change without notice. The values for mass and dimension are approximate. All trademarks are the property of their respective owners.

Export PDF : November 21 2026