SONY

SRG-XP1

Compact 4K 60p POV remote
camera with wide 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 via an optional licence.

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

General	
Video Format	3840p/1080p/720p/480p (480p is only for HDMI)
Image Sensor	1/1.8" Approx. 8.40 MP CMOS
Frame Rate	59.94/50/29.97/25
Video Output Interface	HDMI 2.0 / Ethernet / USB 3.0* * UVC full functionality will be supported by the end of 2020.
Optical Zoom	n/a
Digital Zoom	x6 (including pixel zoom)
Focal Length	f = 4.57 mm, F1.7

Pan Tilt	ePTZ
Horizontal Viewing Angle	102° (with Distortion correction: 85°)
Shutter Speed	1/10,000~1/1 sec
Minimum Object Distance	0.3 m
Minimum illumination	0.5 lux (4K output, 50IRE, 1/30s)
Video Codec	H.265, H.264
Audio Codec	AAC
Multiple Video Stream	Yes
Video Stream	RTSP / RTMP / SRT / NDI®|HX / MPEG-TS
Camera Control	VISCA over IP / ONVIF Profile S *TBD / CGI command / UVC
Tally Light	On / Off
Audio Input	3.5 mm x 1
POE	Yes (IEEE802.3af)
DC In	12VDC +/-20%
IR remote controller	Support
Dimensions (W x H x D) *1	72.4 × 51.2 × 121.7 mm
Mass	Approx. 0.41 kg (14 oz)

Notes

*1 The values for dimensions are approximate.

Related products

BRC-X1000

4K Pan Tilt Zoom camera with 1.0-type Exmor R CMOS sensor (colour availability may vary by country)

REA-C1000 Edge Analytics Appliance

Edge Analytics Appliance

SRG-XB25

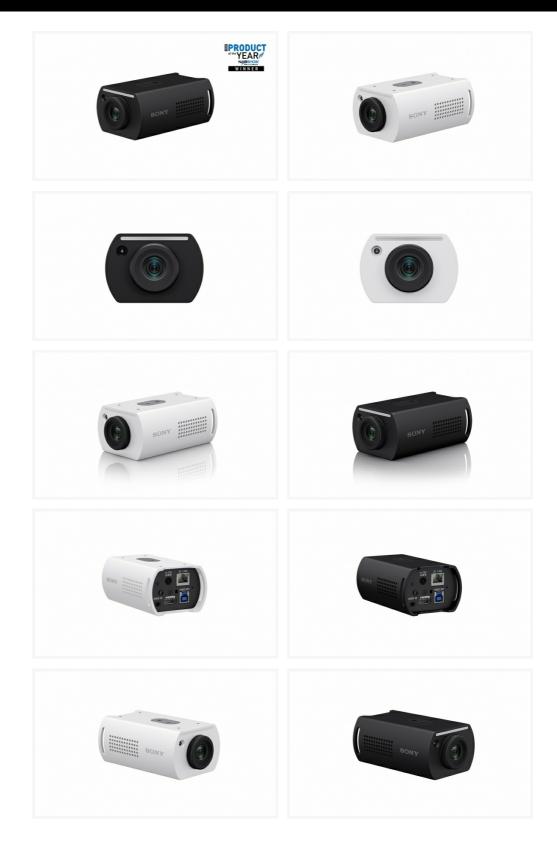Compact 4K 60p BOX-style remote camera with 25x optical zoom

SRG-X400

IP 4K* Pan-Tilt-Zoom Camera with NDI®**|HX capability

Gallery