SRG-XP1

Compact 4K 60p POV remote camera with
wide angle lens

Overview

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

Measuring just 51.2 x 72.4 x 121.7 mm and weighing 417 g, 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.

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.

Streaming video available over HDMI, Ethernet and USB 3.0 interfaces offers even greater operational flexibility.

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) and Real Time Messaging Protocol (RTMP). Support for NDI ®|HX is also available via an optional licence.

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

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.

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" 8.42MP CMOS
Frame Rate	59.94/50/29.97/25
Video Output Interface	HDMI 2.0 / Ethernet / USB 3.0
Optical Zoom	n/a
Digital Zoom	4x
Focal Length	4.57 mm
Pan Tilt	ePTZ
Horizontal Viewing Angle	102° (with Distortion correction: 85°)
Shutter Speed	1/8~1/10,000 sec
Minimum Object Distance	0.3 m
Minimum illumination	1 lux (F1.5, 50IRE, 30fps)
Video Codec	H.265, H.264
Audio Codec	AAC
Multiple Video Stream	Yes
Video Stream	RTSP / RTMP / 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	51.2 x 72.4 x 121.7 mm
Mass	417 g 0.90 lb
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