



SRG120DS

12x 1080p 3G-SDI
PTZ Camera

\$2,449.00

U.S. List Price

Overview

Sony continues to expand its popular SRG PTZ Camera line up with the introduction of the SRG-120DS 3G-SDI HD PTZ Camera. This camera should be considered an alternative for Sony's recently discontinued EVI-HD1 camera. This affordable professional 1080/59.94p Full HD and 71° wide field of view desktop camera is designed for videoconferencing, healthcare training, monitoring and consultative purposes as well as lecture capture applications.

The SRG-120DS camera inherits the same enhanced features found in the existing SRG family of cameras, but is equipped with 3G-SDI for long distance system integration.

Highlights

* High Sensitivity Sensor

The SRG120DS incorporates Sony's latest 1/2.8-type Exmor® CMOS sensor that enables the capture of smooth, crisply detailed, Full HD (1920 x 1080) images with extremely low noise – even in low lighting conditions. Plus its high frame rate (60fps) operation helps to ensure smoother, more fluid reproduction of moving subjects.

* Clear Images in Harsh or Backlit Lighting Condition

Similar to the previous SRG cameras, the SRG-120DS features Sony's View-DR® technology (wide dynamic range) to compensate for extreme backlight or harsh lighting conditions. In addition, its XDNR® technology reduces noise and provides clear images in low lighting conditions.

* Get Ready for Your Close Up

The SRG-120DS's 12x optical zoom range is complemented by 12x digital zoom (total 144x High Power Zoom), for frame-filling close-ups with every detail seen clearly. Responsive autofocus ensures that images stay clear and sharp, even at high zoom settings. And the SRG-120DS's extremely wide field of view (71°) makes it ideal for small- to mid-sized rooms.

* Built-in IP Control and RS-232C

This camera can be controlled via the VISCA protocol over IP connections as well as via serial RS-232C. The SRG-120DS is compatible with Sony's RMIP10 IP Controller.

Specifications

Camera Specifications	Detail
Image Device	1/2.8 Exmore CMOS Sensor
Effective Pixels	Approximately 2.1 megapixels
Lens	12x Optical Zoom/12x Digital Zoom
Lens Value	Focal Length 3.9mm F (wide) / 46.8mm F (tele) / F1.8 to 2.0
Minimum Object Distance	10mm (wide end) / 1500mm (tele end)
Auto Exposure	Auto/Manual/Priority AE/Exposure Compensation Bright
Shutter Speed	1/1 to 1/10000 sec (59.94 Hz system) 1/1 to 1/10000 sec (50 Hz system)
Gain	Auto/Manual (0 to +43dB)
White Balance	Auto, Indoor, Outdoor, One-push Auto, ATW, Manual
Pan Angle/Speed	Angle: +/- 100 degrees

Tilt Angle/Speed	Angle: +25 degrees / -25 degrees
Horizontal Viewing Angle	71 Degrees (Wide)
Preset Positions	16 presets
Focus System	Auto/Manual
Sync System	INT
Wide Dynamic Range	Yes (View-DR)

Interface Specifications	Detail
Camera Control Interface	VISCA Protocol with built-in IP Control RJ-45 / RS-232C

Video Output Specifications	Detail
Horizontal Resolution	1,000 TV Line (Center)* Typical
Minimum Illumination	High Sensitivity Mode: 0.4 lx (50 IRE, F1.8, 30 FPS) Normal Mode: 1.8 lx (50 IRE, F1.8, 30 FPS)
S/N Ratio	50 dB
Video Output	HD - 3G-SDI SD - NA
Signal System	1080/59.94p, 50p, 29.97p, 25p 1080/59.94i, 50i 720/59.94p, 50p, 29.97p, 25p
Horizontal Resolution Value	High Definition
Minimum Resolution	1.8 lx (50 IRE, F1.8, 30 fps)

General Specifications	Detail
Dimensions (W x H x D)	153 x 156 x 153 mm
Weight	Approximately 1,600g
Power Requirements	DC 12V
Power Consumption	16.8W
Operating Temperature	0° C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to +60° C (-4° F to 140°F)

Resources			
User Manual			
Description:	Release Date	Type/Size	
Technical Manual for SRG-120DS PTZ Camera	04/07/2016	pdf / 1,207K	Download now
Product Manual			
Description:	Release Date	Type/Size	
Operating Instructions for the SRG-120DS PTZ Camera	04/07/2016	pdf / 1,402K	Download now
Brochure			
Description:	Release Date	Type/Size	
SRG Family Brochure		pdf / 5,749K	Download now