SRG120DS
12x 1080p 3G-SDI PTZ Camera

Features

Triple streaming outputs

The SRG-360SHE can simultaneously output 1080/60p baseband video through 3G-SDI, HDMI and as a H.264 compressed video/audio stream via IP. This triple streaming capability makes the camera ideal for webcasting and simultaneous recording of conferences, lectures, seminars and other live events.

Full HD image quality with 60fps frame rate

See every presenter or conference participant more clearly. The 1/2.8-type Exmor CMOS image sensor captures smooth, crisply detailed, Full HD (1920 x 1080 60p) images with extremely low noise – even in low light conditions where other cameras struggle. High frame rate (60fps) operation ensures smoother, more fluid reproduction of moving subjects.

Clearer pictures in any lighting conditions

Unique to Sony, View-DR technology expands 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 in poorly-illuminated rooms.

Powerful 30x optical zoom

The 30x optical zoom range is complemented by 12x digital 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.

Enhanced PTZ operation

The powerful direct drive motor assures quiet, rapid movement to the target position over a wide pan/tilt angle range. PTZ synchronization ensures smoothly co-ordinated camera movements, while Pan/Tilt speed can be set to 'Slow' for smooth, professional looking transitions. A sequence of camera positions can be stored to memory and recalled as a preset 'trace'.

Wide 65-degree viewing angle

SONY

See every meeting participant in a boardroom with a wide 65-degree horizontal viewing angle.

Suitable for desktop or ceiling mounting

Image flip gives extra operating flexibility, allowing the camera to be sited on a boardroom table-top or ceiling mounted while maintaining proper image orientation.

Large tally light

The large red tally light immediately above the lens gives presenters clear visual confirmation when the camera is active.

Enhanced audio quality with equalizer and auto lip-sync function*

Audio from a connected stereo microphone (optional) or line inputs can be enhanced using the on-board equalizer and auto level control for greater intelligibility. Unwanted signal delays between audio and video are compensated by the auto lip-sync function.

* In case of IP streaming, auto lip-sync function depends on the viewing setting condition and usage environment

Versatile connectivity options

Support for RS-422 protocol allows easy connection with a wide range of peripheral products. The camera can also be controlled via VISCA protocols over a standard IP network.

256 programmable presets

Store and instantly recall up to 256 camera positions via CGI from a networked PC and web browser.

Embedded web browser

Preview images and control the camera from any networked PC.

PoE+ for flexible powering options*

PoE+ (Power over Ethernet) capability carries IP video and power over a single connection cable, simplifying installation.

*HDMI output and IP multi-streaming is disabled when power is supplied via PoE+.

Specification

Digital Zoom	
Digital Zoom	12x
Focus System	Auto/Manual
Preset Positions	16

SONY

Sync System	INT
Wide Dynamic Range	Yes (View-DR)
General	
Dimensions (W x H x D)	153 x 156 x 153 mm (6-1/8 x 6-1/4 x 6-1/8 inches)
Operating Temperature	0°C to 40° C (32°F to 104° F)
Power Consumption	16.8 W
Power Requirements	DC 12V (DC 10.8 to 13.2 V)
Storage Temperature	-20°C to 60°C (-4°F to + 140°F)
Weight	1.6 kg (3 lb. 8.4 oz)
Interface	
Camera Control Interface	VISCA protocol with built-in IP control Camera Control Interface: RJ-45 / RS-232C
Specifications	
Auto Exposure	Yes
Effective Pixels	Approximately 2.1 megapixels
Gain	Auto/Manual (0 to +43 dB)
Horizontal Viewing Angle	71 degrees wide
Image Device	1/2.8-type Exmor CMOS
Lens	12x optical/12x digital zoom Focal Length - 3.9 mm (wide) to 46.8 mm (tele) F1.8 to 2.0
Minimum Object Distance	10 mm (Wide) to 1500 mm (Tele)
Pan Angle/Speed	Angle: +/- 100 degrees Speed: 300 degrees /sec.
Shutter Speed	1/1 to 1/10000 sec (59.94 Hz system) 1/1 to 1/10000 sec (50 Hz system)
Tilt Angle/Speed	Angle: +25 degrees / -25 degrees Speed: 126 degrees / sec
White Balance	Auto, Indoor, Outdoor, One-push auto, ATW, Manual
Video Output	
Horizontal Resolution	1,000 TV lines
Minimum Illumination	1.8 lx (50 IRE, F1.8 30 fps)

S/N Ratio	50 dB
Signal System	1080/59.54p, 50p, 29.87p, 25p\<br\> 1080/59.94i, 50i\<br\> 720/59.94p, 50p, 29.97p, 25p
Video Output	3G-SDI