

SONY

SRG Series

Full-HD PTZ Remote Camera

Exmor

View-DR

Full HD
1080



SRG-300SE



SRG-300SE



SRG-300H



SRG-300H



SRG-360SHE



SRG-120DS



SRG-120DH



SRG-120DU

Sony is expanding its renowned Pan/Tilt/Zoom camera family with the introduction of its new SRG Series cameras. The SRG-360SHE and SRG-120DS are new PTZ camera models in the SRG line-up. These cameras achieve superb picture quality utilizing Sony's latest imaging technology and 1080/60p resolution, and deliver reliability with field-proven operability.

The SRG-360SHE is a desktop or ceiling-mountable remote camera with an amazingly high 30x optical zoom capability. The SRG-120DS is a desktop remote camera with 12x optical zoom and an exceptional 71-degree horizontal viewing angle. These cameras are ideal for a range of applications including lecture capture, telemedicine, remote shooting, and video conferencing applications.



Superb full-HD 1080/60p video with high picture quality

SRG Series cameras provide superior picture quality by incorporating a sophisticated 1/2.8-type Exmor CMOS image sensor. They provide smooth, crisply detailed, full-HD (1920 x 1080/60p) images with extremely low noise. High frame rate (60 fps) operation ensures smoother, more fluid reproduction of moving subjects. In addition, outstanding View-DR™ technology expands the 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.



Without View-DR function



With View-DR function

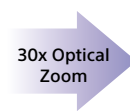
* Simulated images

Powerful optical zoom and wide viewing angle

The SRG-360SHE, SRG-300SE, and SRG-300H provide up to a 30x optical zoom capability and 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 zooming settings. And the SRG-120DS, SRG-120DH, and SRG-120DU provide up to a 12x optical zoom capability and 12x digital zoom. In addition, a wide horizontal viewing angle maximizes effectiveness in the boardroom, particularly when there are many participants. These cameras are ideal for large meeting rooms and auditoriums. The SRG-360SHE, SRG-300SE, and SRG-300H support a horizontal viewing angle of 65 degrees, and the SRG-120DS, SRG-120DH, and SRG-120DU support 71 degrees.



Wide-end



Tele-end

* Simulated images

VISCA-over-IP

SRG Series cameras can be controlled via the VISCA™ protocol over IP connections. They are also compatible with Sony's RM-IP10 IP Remote Controller to enable comfortable pan, tilt, and zoom operation with an optical three-axis joystick. In addition, you can control up to 112 cameras over IP connections by using five remote controllers.

Enhanced audio quality with equalizer and auto lip-sync function

Providing great intelligibility, the SRG-360SHE enhances stereo audio from a connected stereo microphone (optional) or line inputs by using the onboard equalizer and auto level control. Unwanted signal delays between audio and video are compensated for by the auto lip-sync function. The SRG-300SE is equipped with two-way monaural audio input interfaces: an external LINE input and a MIC input.*

* The LINE and MIC are selectable.

Series Comparison

	3G-SDI	HDMI	IP Streaming	IP Control	USB 3.0	Desktop mountable	Ceiling mountable
SRG-360SHE	Yes	Yes	Yes	Yes	No	Yes	Yes
SRG-300SE	Yes	No	Yes	Yes	No	Yes	Yes
SRG-300H	No	Yes	No	Yes	No	Yes	Yes
SRG-120DS	Yes	No	No	Yes	No	Yes	No
SRG-120DH	No	Yes	No	Yes	No	Yes	No
SRG-120DU	No	No	No	Yes	Yes	Yes	No

Enhanced PTZ operation

The SRG-360SHE can be operated with quiet and rapid motion to the target position over a wide pan/tilt angle range because of its powerful direct-drive motor. This PTZ 'synchronization' capability enables professional-looking transitions with smooth coordinated camera motion. The pan/tilt speed can be set to 'Slow' for precise tracking, and a sequence of camera positions can be stored and recalled as a preset 'Trace'.

PoE+ for flexible powering options

For installation simplicity and flexibility, the SRG-360SHE supports a PoE+ (Power-over-Ethernet) capability that carries IP video/audio control and power over a single connection cable.

Simultaneous transmission of 3G-SDI, HDMI, and IP H.264 full-HD video

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

Up to 256 camera preset positions*

The SRG-360SHE and SRG-300SE support up to 256 camera preset positions using a plug-in free viewer and ActiveX viewer.

The SRG-300H, SRG-120DS, SRG-120DH, and SRG-120DU also support up to 16 camera preset positions. And six positions can be controlled via a supplied IR remote commander unit.

* Position numbers from 17 to 256 are stored only in PTZF.



SRG-360SHE

Simply connect with a variety of interfaces

For easy operability, you can connect SRG-120 Series cameras to a computer using a broad range of interfaces. The SRG-120DS is equipped with the following interfaces: 3G-SDI, SRG-120DH with HDMI, and SRG-120DU with USB 3.0.

The SRG-120DU provides a super-speed data transfer capability of up to 5 Gbps via USB 3.0 to transfer uncompressed video signals at 1080/60p resolution.

Other features

High sensitivity

Minimum illumination is 1.4 lx with the SRG-360SHE, SRG-300SE, and SRG-300H and 1.8 lx with the SRG-120DS, SRG-120DH, and SRG-120DU. This superb sensitivity enables image capture in low light environments.

Compact and stylish body

Their all-in-one compact and lightweight design makes these cameras easy to install in a variety of locations.

Quick and silent P/T/Z

SRG Series cameras feature fast and silent pan, tilt, and zoom capabilities. This is ideal for use in noise-restricted environments such as houses of worship, classrooms, and meeting rooms.

Optional accessory

RM-IP10: IP Remote Controller

- Comfortable P/T/Z operation with the optical three-axis joystick
- Versatile camera adjustment by simple panel operation
- Up to 112 camera units can be controlled from one remote control unit
- Up to 16 camera positions can be preset and recalled



