SONY

SRG-300H

Full HD remotely operated PTZ camera



Overview

Desktop or ceiling mounting PTZ colour camera for corporate, educational and telemedicine applications, with powerful 30x optical zoom and high frame rate 60fps

The SRG-300H PTZ camera captures high-quality colour video images in corporate boardrooms, lecture theatres and training suites. Controlled remotely over standard IP networks, it's ideal for use as either a primary or secondary camera in a wide range of visual imaging applications, from videoconferencing to remote monitoring and telemedicine.

The sensitive Exmor™ CMOS sensor assures detail-packed Full HD pictures with a high horizontal resolution. High frame rate operation at 60fps delivers more natural, blur-free reproduction of moving subjects.

Excellent low-light sensitivity (as low as 0.35 lx in High Sensitivity mode) makes the camera ideal for use in conditions of near-darkness. 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, even when digital zoom is used.

The camera's wide field of view makes it easier to cover everyone in the room during videoconferences. Smooth, silent PTZ operation with 16 preset camera positions makes it quick and easy to re-frame shots without disturbing presenter or other audience members. Powerful 30x optical zoom is boosted further by 12x digital zoom for high-quality close-ups of subjects far from the camera – such as a lecturer on the other side of a large auditorium.

For extra flexibility, the camera can be controlled using VISCA command protocols over standard IP networks. The addition of an HDMI video output simplifies direct connection of the camera to an HD videoconferencing system or PC.

The camera is equally suitable for desktop or ceiling mounting.

SRG300H/W is a white model.

U.S. and Canadian accessory packs

SRG-300H/PAC4, SRG-300H/PAC5, SRG-300HW/PAC4 & SRG-300HW/PAC5 camera & cable packages are available in the U.S. and Canada. Please speak to your local Sony Professional Authorised Reseller to find out more.

Features

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.

Fast, quiet PTZ operation
The camera's powerful direct drive motor assures quiet, smooth, rapid movement to the target position over a wide pan/tilt angle range.

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

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

Versatile connectivity options
Support for RS-232C/RS-422 protocols allows easy connection with a wide range of peripheral products. The camera can also be controlled via VISCA protocols over a standard IP network.

HDMI compatible
Provision of an HDMI video interface simplifies direct connection with a compatible videoconferencing system, PC or HD video monitor.

16 programmable presets
16 pre-programmable settings (controllable via IP or VISCA) allow quick transition from one camera position to another.

Easy control by PC
PC control software allows remote adjustment of basic as well as advanced cameras settings via VISCA protocols- such as colour adjustment and Pan/Tilt speed - from an intuitive interface.

Specifications

Camera	
Image Sensor	1/2.8 Exmor CMOS
Image Sensor (Number of Effective Pixels)	Approx. 2.1 Megapixels
Signal System	1080/59.94p,50p,29.97p,25p 1080/59.94i,50i 720/59.94p,50p,29.97p,25p
Minimum Illumination (50IRE)	1.4 lx (50IRE, F1.6, 30fps)
S/N Ratio	50 dB
Gain	Auto/Manual (0 to +43 dB)

Camera

Shutter Speed	1/1 to 1/10000 sec(59.94 Hz system) 1/1 to 1/10000 sec(50Hz system)
Exposure Control	Auto, Manual, Priority AE(Shutter,Iris), Exposure compensation, Blight
White Balance	Auto, Indoor, Outdoor, One-push auto, ATW,Manual
Optical Zoom	30x
Digital Zoom	12x
Focusing System	Auto/Manual
Horizontal Viewing Angle	65 degree(Wide)
Focal Length	f=4.3mm(wide) to 129 mm(Tele) F1.6 to 4.7
Minimum Object Distance	10 mm(Wide)~ 1200 mm(Tele)
Pan/Tilt Angle	Pan: ±170° Tilt: +90°/-20°
Pan/Tilt Speed (Max.)	Pan 100°/sec Tilt 90°/sec
Preset Position	16

Camera Features

Auto ICR	Yes
Wide-D	Yes
Image Stabilization	Yes
Image Flip	Yes
Auto Power Off	No
Night Power Off	No

Interface

Hd Video Output	HDMI
Sd Video Output	-
Camera Control Interface	RS-232/RS-422/RJ-45
Sync. System	INT

General

Power Requirements	DC 12V (DC 10.8 to 13.2V)
Power Consumption	16.8W

General	
Operating Temperature	0 °C to 40 °C 32 °F to 104 °F
Storage Temperature	-20 °C to +60 °C -4 °F to +140 °F
Dimensions (W x H x D) *1	157 x 164 x 163mm 6 1/4 × 6 1/2 × 6 1/2 inches
Mass	1.4kg 3 lb 1.4 oz
Body Color	White/Black
Wide Conversion Lens Attachable	No
Mountable Angle	±15°
Ceiling Mount	Yes
Supplied Accessories	AC power adaptor (1) AC power cable (1) IR Remote Commander Unit (1) CD-ROM (Operating Instructions) (1) Ceiling bracket (2) RS-422 connector plug (1) Wire rope(1) Screw M3 x 8(8)
*1	The values for dimensions are approximate.

Related products



AWS-750

Anycast Touch portable live content producer



PCS-XG77S

HD Videoconferencing System (codec only)



PCS-XG100S

Full HD Videoconferencing System (codec only)



RM-IP10

IP remote control panel for BRC cameras



RM-IP500

PTZ Camera Remote Controller



REA-C1000 Edge Analytics Appliance

Edge Analytics Appliance

Gallery









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