



SRG300SE/W

1080/60P 3-G-SDI
AND LIVE IP
STREAMING PTZ
CAMERA - White

\$3,849.00

U.S.List Price



Overview

Sony continues to expand its popular SRG PTZ Camera line up with the introduction of the SRG-300SE (black) and SRG-300SE/W (white) 3G-SDI and Live IP Streaming cameras. The SRG-300SE builds on the SRG-300H's full HD (1080/60p) imaging, pace-setting 30x optical zoom and offers 3G-SDI interface for long distance, single cable transmission of 1080/60p 4:2:2 broadcast quality baseband digital video.

The new SRG-300SE can simultaneously output 3G-SDI and live IP streaming content. The new camera features 30x optical zoom plus 12x digital zoom with a 65-degree viewing angle to produce H.264 IP video streaming with selectable bit rates. It can also simultaneously output 1920 x 1080/60p video over a single BNC cable through 3G-SDI that can run approximately 70m or more, easing installation and adding more flexibility to customer's live production needs.

It also features an expanded menu of pre-set options from 16 up to 256 and can be operated either by VISCA™ serial control or through an IP-based computer interface capable of remote operation.

Audiences in overflow rooms to remote venues can monitor the event live and control and pan/tilt/zoom functions of the camera over IP. This enhanced learning experiences for interns at teaching hospitals and lets sports viewers feel like they are at the stadium. Designed primarily for small to mid-sized venues, these new cameras are ideal for a single source PTZ camera with Sony' renowned high picture quality and reliability at an affordable price.

The SRG-300SE is certified to WORK WITH WOWZA Media Systems for simple and effective integration via Wowza Streaming Engine™ server software. For information on how to easily connect the SRG-300SE to the Wowza Streaming Engine or Streaming Cloud, please visit:

<http://www.wowza.com/forums/content.php?697-How-to-connect-the-Sony-SRG-300SE-to-Wowza-Streaming-Cloud>

<http://www.wowza.com/forums/content.php?663-How-to-connect-the-Sony-SRG-300SE-to-Wowza-Streaming-Engine>

Highlights

- * 1/ 2.8" Exmor® CMOS Sensor - 1080/60p ,1080/60i , 720/60p
- * High 30x Optical Zoom (12x Digital Zoom)
- * Simultaneous 3G-SDI and IP H.264 Full HD streaming
- * 65° Horizontal Wide Field of View
- * View-DR® Wide Dynamic Range Technology - Ideal for extreme lighting conditions
- * XDNR® (eXellent Dynamic Noise Reduction) Technology helps to provide clear Images in low-light conditions
- * Network Port 10BASE-T /100BASE-TX (RJ-45)
- * Up to 256 camera preset positions
- * Web Viewing Function for remote camera control – up to 20 clients
- * Control via RS-422
- * Desktop or Ceiling mountable with Image E:Flip Function
- * Pan/Tilt Angle: Pan +/- 170° Tilt: +/-90° / 20°

Specifications

Camera Specifications

Detail

Image Device	1/2.8 Exmor CMOS
Effective Pixels	Approx. 2.1 Megapixels
Lens	30x Optical Zoom / 12x Digital Zoom
Minimum Object Distance	10mm (wide) - 1200 mm (tele)
Auto Exposure	Auto, Manual, Priority, AE (shutter, iris), Exposure Compensation, Blight
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 +43 db)
White Balance	Auto, Indoor, Outdoor, One-push auto, ATW, Manual
Pan Angle/Speed	Pan 100 degrees/sec
Tilt Angle/Speed	Tilt 90 degrees/sec
Horizontal Viewing Angle	63.7 degree (wide)
Preset Positions	256 - Position number 17 to 256 are stored as PTZF only

Interface Specifications	Detail
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Camera Control Interface	3G-SDI HD Video Output RS-422 Serial Interface
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Video Output Specifications	Detail
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Horizontal Resolution	1920x1080, 1280x720, 1024x576, 720x576, 720x480, 704x576, 640x480, 640x360, (H.264, JPEG)
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Minimum Illumination	1.4 lux (F1.6, 50 IRE, high sensitivity mode OFF, 30 fps) 2.8 lux (F1.6, 50 IRE, high sensitivity mode OFF, 60 fps) 0.35 lux (F1.6, 50 IRE high sensitivity mode ON, 30 fps) 0.7 lux (F1.6, 50 IRE, high sensitivity mode ON, 60 fps)
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S/N Ratio	50 dB
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Video Output	3G-SDI HD Video Output RS-422 Serial Interface
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Signal System	1080/59.94 (A/B), 50p (A/B), 29.97p, 25p 1080/59.94i, 50i 720/59.94p, 50p, 29.97p, 25p
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General Specifications	Detail
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Dimensions (W x H x D)	157 x 164 x 163 mm (6-1/4 x 6-1/2 x 6-1/2 inches)
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Weight	Approx. 1.4kg (3lb. 1.4 oz)
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Power Requirements	DC 12V (DC 10.8 to 13.2V)
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Power Consumption	16.8W
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Operating Temperature	0°C to 40° C / 32°F to 104° F
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Storage Temperature	-20° C to +60°C / -4° F to 140° F
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Accessories

Supplied Accessories		
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Model:	Description:	U.S.List Price
	AC Power Adaptor	Pricing available upon request
	AC power cable	Pricing available upon request
	Ceiling Bracket (2)	Pricing available upon request
	RS-422 Connection plug	Pricing available upon request
	Wire rope	Pricing available upon request
	Screw M3 x 8(8)	Pricing available upon request

Optional Accessories		
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Model:	Description:	U.S.List Price

RMP10	IP Remote Controller for the Select BRC and SRG PTZ Cameras	Pricing available upon request
	RMBR300 Controller	Pricing available upon request
	PMW-RX50 `080/60p 3G-SDI compact recorder	Pricing available upon request

Resources

Installation Guide

Description:	Release Date	Type/Size	
SRG-300SE Application Guide	12/08/2014	pdf / 1,898K	Download now

User Manual

Description:	Release Date	Type/Size	
SRG-300SE User's Guide	12/08/2014	pdf / 2,633K	Download now
How to Connect the Sony SRG-300SE Camera to the Wowza Streaming Cloud	06/24/2015	pdf / 648K	Download now
How to Connect Sony SRG-300SE to the Wowza Engine	06/24/2015	pdf / 630K	Download now

Technical Chart

Description:	Release Date	Type/Size	
SRG-300SE Technical Manual	12/08/2014	pdf / 862K	Download now

Product Manual

Description:	Release Date	Type/Size	
CGI Commands manual	04/06/2015	0.0.pdf / 746K	Download now
SRG-300SE Supported CGi Commands and Parameters	04/06/2015	0.1.pdf / 396K	Download now
SRG-300SE IP Set Up Protocols	04/06/2015	0.0.pdf / 191K	Download now
SRG-300SE RCTG004_HTTP Streaming_1.0.0	04/06/2015	0.0.pdf / 217K	Download now
SRG-300SE RCTG005_RTSP Streaming with RTP and RTCP_1.0.2	04/06/2015	0.2.pdf / 493K	Download now
SSRG-300SE RCTG006_Video Capability Command_1.0.0	04/06/2015	0.0.pdf / 177K	Download now
SRG-300SE RCTG009_System Capabilities_1.0.1	04/06/2015	0.1.pdf / 192K	Download now

Press Release

Description:	Release Date	Type/Size	
Works With Wowza Program Expands Camera Choices With The Addition of SONY SRG-300SE Remote	04/24/2015	pdf / 141K	Download now

Camera			
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Brochure			
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Description:	Release Date	Type/Size	
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SRG Family Brochure		pdf / 5,749K	Download now
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