SONY

SRG-XB25

Compact 4K60P IP BOX-style
Remote Camera with 25x optical
zoom

Overview

Stream crisp, detail-packed 4K 60p video with this high-quality remote camera that features a powerful 25x optical zoom lens for frame-filling close-ups in larger venues.

The SRG-XB25 high-zoom BOX camera draws on decades of Sony's professional imaging know-how to suit a wide range of content creation applications. It's ideal for capturing and streaming impressive 4K pictures in environments including seminar rooms, lecture theaters, virtual production studios, government/parliament buildings and houses of worship.

The cost-effective SRG-XB25 is particularly appealing for multi-camera shooting setups, where high-quality images are required without the need for a team of dedicated camera operators. The integrated lens with powerful 25x optical zoom captures frame-filling close-ups of speakers and presenters, even when the camera's installed at the back or larger auditoriums and public venues.

The SRG-XB25 fits seamlessly into all-IP production environments, with a single Ethernet cable carrying power, streaming video and camera control signals.

Ideal for lecture capture applications, the SRG-XB25 partners

seamlessly with the REA-C1000 Edge Analytics Appliance. For example, the camera's powerful 25x zoom captures the speaker's gestures and handwriting in large classrooms or teaching spaces, allowing REA-C1000 to deliver what the customer requires.

Features

Robust, stylish and compact
Measuring just 3.15 x 2.79 x 6.98 in and weighing 30.69 oz, the SRG-XB25 can be readily integrated into any environment. Upper and lower tripod mounts increase installation flexibility. Rear panel guards assure extra robustness, and the large, easy-to-read tally lamp is useful in multiple-camera setups.

Powerful 25x optical zoom
The integrated autofocus lens with 25x optical zoom plus additional digital zoom assures ultra-clear, powerful close-ups of presenters or audience members.

Easy IP connectivity, single-cable installation
Camera control, PoE and streaming video output are carried over a single Ethernet cable, reducing installation costs and simplifying integration in space-restricted or hard-to-reach locations. Full IP integration includes support for Real Time Streaming Protocol (RTSP), Real Time Messaging Protocol (RTMP) and Secure Reliable Transport (SRT). Support for NDI®|HX is also available.

High quality 4K 60p images
The camera's 1/2.5-type Exmor R CMOS sensor captures smooth, crisply detailed 4K 60p video with excellent low-light sensitivity.

Broadcast-style tally light
The camera-mounted tally light gives visual confirmation to the lecturer or presenter when the camera is active. The horizontal-bar-style light is easily visible to both performer/presenter and director.

Audio input

Connect an external microphone or line-level source to capture clear pictures with sound in lecture theaters and meeting rooms or on reality TV shows.

Specifications

Specifications	
Image Sensor	1/2.5 CMOS
Image Sensor (Number of Effective Pixels)	Approx. 8.40 Megapixels
Signal System	3840 × 2160/59.94p 3840 × 2160/29.97p 1920 × 1080/59.94p 1920 × 1080/59.94i 1920 × 1080/29.97p 1280 × 720/59.94p 1280 × 720/29.97p 640 × 360/59.94p 640 × 360/29.97p 3840 × 2160/50p 3840 × 2160/25p 1920 × 1080/50p 1920 × 1080/50i 1920 × 1080/25p 1280 × 720/50p 1280 × 720/25p

640 ✕ 360/50p

640 ✕ 360/25p

640 ✕ 480/59.94p *1

*1 HDMI output only.

Minimum Illumination (50IRE)	0.8 lux (4K output, 50 IRE, 1/30 sec)
Shutter Speed	1/10,000 sec to 1/1 sec
Optical Zoom	25x (4K)
Digital Zoom	up to 3x pixel zoom, 2x digital zoom
Horizontal Viewing angle	Approx. 68 °
Focal Length	f = 4.8 mm to 120 mm, F1.6 to F3.4 f = 28 mm to 694 mm (35-mm camera equivalent)
Minimum Object Distance	1500 mm (WIDE/TELE)
Number of preset	256 (CGI/VISCA)

Camera Features

Day/Night	Yes
Image Flip	Yes

Tally Lamp	Yes
IP Compression Format	ITU-T H.264/H.265
Bitrate Compression Mode	CBR/VBR (selectable)
NDI®|HX Capability	Yes (requires a license; sold separately)
Audio Channel	1 ch
Audio Codec	AAC LC 256 kbps/ST (IP) AAC LC 128 kbps/ST (IP)

Interface

Video Output	HDMI
HDMI Color Space	YUV, 4:2:2 8-bit YUV, 4:2:0 8-bit RGB, 4:4:4 8-bit
Audio Output	Mini jack ø3.5
Camera Control Interface	VISCA, VISCA over IP, CGI
Audio Input	Mini jack ø3.5 (Plug-in-Power supported)

Power terminal	IEC60130-10 (JEITA standard RC-5320A) TYPE 4

General	
Power Requirements	DC 12 V (AC adapter 100 V to 240 V, 50/60 Hz), PoE (IEEE802.3af compatible)
Power Consumption	DC 12 V:11.0 W PoE input:12.9 W
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)	80.1 x 70.9 x 177.2 mm (3.15 x 2.79 x 6.98 inches) (width/height/depth) (excluding protrusions)
Mass	Approx. 0.87 kg (1 lb 15 oz)
Body Color	Black and White
Size of Screw Hole for Tripod	4.5 mm to 6 mm (0.12 in to 0.24 in)
Mountable Angle	Less than ±45 degrees to the horizontal

Ceiling Mount	Yes
Supplied Accessories	Safety Regulations (1) AC adapter (1) Wire rope (1) Mounting screws (M3 x8) (1) Mounting screws (M2.6 x6 black) (1) HDMI cable fixing plate (1)

Related products

SRG-XP1

Compact 4K60P IP POV Remote Camera with a 101° wide viewing angle lens

BRC-X1000

Premium 4K30P PTZ Camera with 12x optical zoom and uncompromising broadcast picture quality

REA-C1000 Edge Analytics Appliance

Edge Analytics Appliance

SRG-X400

Standard 4K30P IP PTZ Camera with 30x (w/CIZ) zoom and NDI®|HX capability for a wide range of applications

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