

SRG-XB25

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

2023 **PRODUCT**
of the **YEAR**
NAB SHOW
WINNER



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 theatres, virtual production studios, government/parliament buildings and houses of worship.

The cost-effective SRG-XB25 is particularly appealing for multi-camera shooting set-ups, 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 80.1 × 70.9 × 177.2 mm and weighing 0.87 kg, 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 set-ups.

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 plus sound in lecture theatres and meeting rooms or on reality TV shows.

Specifications

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Image Sensor	1/2.5 CMOS
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Image Sensor (Number of Effective Pixels)	Approx. 8.40 Megapixels
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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, 1/30s)
Shutter Speed	1/10000s to 1/1s
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
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General

Power Requirements	DC 12 V (AC adapter 100 V to 240 V, 50/60 Hz), PoE (IEEE802.3af compatible)
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Power Consumption	DC 12 V:11.0 W PoE input:12.9 W
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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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Dimensions (W x H x D)	80.1 × 70.9 × 177.2 mm (3 1/4 × 2 7/8 × 7 inches) (width/height/depth) (excluding protrusions)
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Mass	Approx. 0.87 kg (1 lb 15 oz)
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Body Color	Black and White
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Size of Screw Hole for Tripod	4.5 mm to 6 mm (3/16 in. to 1/4 in.)
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Mountable Angle	Less than ±45 degrees to the horizontal
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Ceiling Mount

Yes

Supplied Accessories

- Safety Regulations (1)
- AC adapter (1)
- Wire rope (1)
- Mounting screws (M3×8) (1)
- Mounting screws (M2.6×6 black) (1)
- HDMI cable fixing plate (1)

Related products



SRG-XP1

Compact 4K60P IP POV Remote Camera with and 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

Gallery



