

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 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

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.

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|------------------------------|---|
| 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

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| Day/Night | Yes |
| Image Flip | Yes |

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| 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

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|--------------------------|--|
| 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) |

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

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| 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



