

SRG-X40UH

Standard 4K30P PTZ Camera
with 30x (w/ CIZ) zoom and
simple UVC or HDMI connection



Overview

Professional communication with 4K detail, natural images and 40x zoom

Built for almost any space, the SRG-X40UH matches high quality images with ease of use and simple installation. This remotely controlled PTZ camera can cover everything from crowded operating theatres to huge auditoriums, making it perfect for business, education and medical settings.

See all the details, textures and colours you need, with a 1/2.5-type Exmor R™ CMOS image sensor. Capture up to 4K images with minimal noise, even in low light. Create better FHD images, thanks to oversampling from the 4K sensor.

The 40x zoom in FHD, or 30x in 4K, gives you crisp close-up shots, thanks to Clear Image Zoom technology. Meanwhile, an horizontal viewing angle of approximately 70° lets you zoom out for much wider images. And smooth, fast PTZ movements make any transitions seamless.

Place the SRG-X40UH on a desk or mount it to the ceiling for more discreet filming. Simple UVC or HDMI connections make it easy to integrate into your existing set-up. And PoE+ support and VISCA/VISCA over IP control command let you remotely operate and power it through a single LAN cable.

* 4K 30p image is supported via HDMI. Full HD 60p is supported via UVC

** With Clear Image Zoom in FHD mode

Features

Clear, detailed 4K images—anywhere

The sensitive 1/2.5-type Exmor R™ CMOS image sensor captures high-quality 4K images with very little noise, even in dimly-lit environments.

Natural images and colours

The powerful sensor reproduces colours as they appear in the real world, so you see a realistic image every time.

Detailed pictures, even in the dark

Our Day/Night function automatically switches between Day mode (full colour) and Night mode (black & white) so you always see clearly. See detailed pictures in almost complete darkness, thanks to boosted sensitivity.

Powerful 40x zoom and wide angle

Get detailed close-ups or capture an entire room through the integrated lens. With Clear Image Zoom technology, you can zoom up to 40x in FHD and 30x in 4K, with an horizontal viewing angle of approximately 70°.

Flexible mounting options

Choose between a desktop mount or ceiling mount so you can record from almost anywhere, whether you're in a boardroom or an auditorium.

Smooth movement

Fast, smooth pan-tilt-zoom movements let you keep up with anything that's happening, while pan angle up to 170° of rotation means you can cover a bigger space with fewer cameras.

Easy connection

A choice of USB and HDMI connections let you integrate the camera into your existing systems. Then USB Video Class (UVC) gives you smooth video communication.

Remote control and simple power

With a single LAN cable, you can power and remotely control your camera, thanks to PoE+ support and VISCA/VISCA over IP control command. Minimal cabling, effort and cost.

Specifications

| Camera | |
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| Image Sensor | 1/2.5 Exmor R CMOS |
| Image Sensor (Number of Effective Pixels) | Approx. 8.5M pixels |
| Signal System | 2160/29.97p, 25p 1080/59.94p, 50p, 29.97p, 25p 1080/59.94i, 50i 720/59.94p, 50p |
| 4K Capability | Yes |
| Minimum Illumination (50IRE) | 1.6 lux (1/30s 50IRE F2 high-sensitivity OFF) |
| Horizontal Resolution | 1700 TV line (Center)(4K) , 1000 or higher TV line (Center)(FHD) |
| Gain | Auto/Manual (0 to +48 dB) |

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| | High Sensitivity On |
| 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) |
| White Balance | Auto1/Auto2/One Push WB/Indoor/Outdoor/Manual |
| Zoom Capability | 30x (4K with CIZ*), 40x (HD with CIZ) *CIZ = Clear Image Zoom |
| Focusing System | Auto/Manual |
| Horizontal Viewing Angle | Approx. 70 degree(Wide) |
| Focal Length | f=4.4mm(Wide) to 88.0mm(Tele) F2.0 to F3.8 |
| Minimum Object Distance | 80 mm (Wide)~ 800 mm (Tele) |
| Pan/Tilt Angle | Pan: $\pm 170^\circ$ Tilt: $+90^\circ/-20^\circ$ |
| Pan/Tilt Speed (Max) | Pan: $300^\circ/s$ Tilt: $126^\circ/s$ |

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| Pan/Tilt Speed | Pan: 1.1° to 101°/s Tilt: 1.1° to 91°/s |
| Pan/Tilt Speed (Slow) | Pan: 0.5° to 60°/s Tilt: 0.5° to 60°/s |
| Pan/Tilt Slow Mode | Yes |
| Pan/Tilt Operation Noise | NC30 or less* * Sony measurement conditions |
| Preset Position | 100 (VISCAs) |
| Picture Freeze Preset | No |
| PTZ Motion Sync | No |

Camera Features

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| Auto ICR (Auto mode of IR Cut filter Removal) | Yes |
| Day/Night | Yes |
| Visibility Enhancer | Yes |
| Image Stabilizer | Yes |
| Image Flip | Yes |
| Picture Setting File | No |

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| Flicker Cancel | On/Off |
| Hide OSD Menu | On/Off |
| Standby Mode | Yes |
| Remote Standby | Yes |

Web UI

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| Ver Up | Yes |
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Interface

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| 4K Video Output | HDMI x 1 |
| HD Video Output | HDMI x 1 USB x 1 |
| Remote Video Format Switching | Yes |
| HDMI Color Space | YCbCr, 4:2:2 8bit RGB, 4:4:4 8bit |
| Camera Control Interface | VISCA RS-422 RJ45(In/Out) VISCA over IP RJ-45 UVC(USB) USB Type-C (ver.2.0) |
| IR Remote Control | Yes |
| Sync. System | INT |

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| UVC Format | MJPEG |
| UVC Version | 1.1 |
| General | |
| Power Requirements | DC 12V (DC 10.8 to 13.2V), PoE+(IEEE802.3at compliant) |
| Power Consumption | 25.5W(Max) |
| 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 | 158.4 x 177.5 x 200.2mm 6 1/4 x 7 x 8 inch |
| Mass*1 | Approx. 1.6 kg 3 lb 8.43 oz |
| Camera Body Color | White/Black |
| Size of Screw Hole for Tripod | 1/4-20UNC x 1 |
| Mountable Angle | < ±15° |
| Ceiling Mount | Yes |
| | AC power adaptor (1) |

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| Supplied Accessories | IR Remote Commander Unit (1) |
| | Ceiling bracket (2) |
| | Wire rope (1) |
| | Screw M3 x 8 (9) |
| | Screw M2.6 x 6 BLACK (1) |
| | HDMI cable fixing plate (1) |
| | Safety regulation (1) |
| | Download site information (1) |
| Warranty (1) | |

Notes

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| *1 | The values for dimensions and mass are approximate |
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Gallery



