

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 theaters to huge auditoriums, making it perfect for business, education, and medical settings.

See all the details, textures, and colors 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, a 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 setup. 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 colors

The powerful sensor reproduces colors 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 color) 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 a 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	
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)

	High Sensitivity On
Shutter Speed	1/1 to 1/10000 sec (59.94 Hz system) 1/1 to 1/10000 sec (50 Hz 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 = 4.4 mm (Wide) to 88.0 mm (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: $300^\circ/\text{s}$ Tilt: $126^\circ/\text{s}$

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 (VISCA)
Picture Freeze Preset	No
PTZ Motion Sync	No

Camera Features	
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

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

Ver Up	Yes
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Interface

4K Video Output	HDMI x 1
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HD Video Output	HDMI x1 USB x1
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Remote Video Format Switching	Yes
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HDMI Color Space	YCbCr, 4:2:2 8bit RGB, 4:4:4 8bit
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Camera Control Interface	VISCA RS-422 RJ45 (In/Out) VISCA over IP RJ-45 UVC (USB) USB Type-C (ver. 2.0)
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IR Remote Control	Yes
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Sync. System	INT
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UVC Format	MJPEG
UVC Version	1.1
General	
Power Requirements	DC 12 V (DC 10.8 to 13.2 V), PoE+ (IEEE802.3at compliant)
Power Consumption	25.5 W (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 200.2 mm (6.24 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 x1
Mountable Angle	< ±15°
Ceiling Mount	Yes
AC power adaptor (1)	

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

*1	The values for dimensions and mass are approximate
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Gallery



