SONY

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.

Get crisp close-up shots with the SRG-X40UH, which features 20x optical zoom, and 40x zoom in FHD and 30x in 4K with 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.

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. Utilize the 20x optical zoom, and 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	
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 (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: ±170° Tilt: +90°/-20°

Camera

Pan/Tilt Speed (Max)	Pan: 300°/s Tilt: 126°/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
Hide OSD Menu	On/Off
Standby Mode	Yes
Remote Standby	Yes

Web UI

Ver Up	Yes

Interface

4K Video Output	HDMI x 1
HD Video Output	HDMI x 1 USB x 1
Remote Video Format Switching	Yes

Interface

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
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
Supplied Accessories	AC power adaptor (1) 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

Gallery


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