

SRG-A40 4K PTZ Camera

Camera

Image Sensor	1/2.5 type Exmor R CMOS
Image Sensor (Number of Effective Pixels)	Approx. 8.5M pixels
Signal System	2160/29.97p, 25p, 23.98p 1080/59.94p, 50p, 29.97p, 25p, 23.98p 1080/59.94i, 50i 720/59.94p, 50p
4K Capability	Yes
Min. Illumination (50IRE)	1.6 lux (1/30s 50IRE F2 high-sensitivity OFF)
Horizontal Resolution	1700 TV lines (Center)(4K), 1000 TV lines or higher (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(23.98 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), Max. 80x (HD with CIZ and Tele Convert Mode)
Focusing System	Auto / Manual
Horizontal Viewing Angle	Approx. 70.0 degree(Wide)
Focal Length	f=4.4mm(Wide) to 88.0mm(Tele)
F-Number	F2.0 to F3.8
Min. Object Distance	80 mm(Wide)~ 800 mm(Tele)
Pan/Tilt Angle	Pan: ±170° Tilt: +90°/-20°
Pan/Tilt Speed (Max.)	Pan: 300 degrees/sec, Tilt: 126 degrees/sec
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 (*4) (*4) Sony measurement conditions
Preset Position	256 (CGI) 100 (VISCA)
Picture Freeze Preset	Yes
PTZ Motion Sync	Yes

Network

IP Video Resolution	3840x2160,1920x1080,1280 x720,640x360
Compression Format	H.264: High/Main/Baseline Profile H.265: Main Profile
Max. Frame Rate	H.264: 60fps H.265: 60fps
Bitrate Compression Mode	CBR/VBR (selectable)
Range of Bitrate Setting	512Kbps~50 Mbps
Multi Streaming Capability	3
Max. Number of Clients	5
Protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP/RTCP, RTSP, VISCA over IP, SRT
NDI HX Capability	Yes Option (need to attach a license)

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	Yes
Flicker Cancel	On/Off
Hide OSD Menu	On/Off
Standby Mode	Yes
Remote Standby	Yes
PTZ Auto Framing	Yes

Web UI

Ver Up	Yes
Languages	Japanese, English, French, Spanish, German, Italian, Chinese, TraditionalChinese, Korean, Portuguese, Russian, Polish, Hindi, Turkish
OS and Browser	Windows 11 64-bit w/ Chrome, Windows 10 64-bit w/ Chrome, Windows 11 64-bit w/ Edge, Windows 10 64-bit w/ Edge, macOS 11 w/ Chrome, macOS 12 w/ Chrome

Audio

Channel	2ch
Audio Codec	AAC LC 128kbps/ST (IP) AAC LC 256kbps/ST (IP)
Setting Option	Auto level control: On/Off, Equalizer: Off/Low cut/Voice enhancement, Input selection: Microphone/Line, Mic volume: -10~+10 (21 steps), Audio codec
Embedded Audio in Baseband Video	Yes (3G-SDI, HDMI)
Embedded Audio in IP Streaming	Yes

Interface

4K Video Output	HDMI x1, IP (streaming) x1
HD Video Output	3G-SDI x1, HDMI x1, IP (streaming) x1
SD Video Output	IP (streaming) x1
Remote Video Format Switching	Yes
HDMI Colour Space	YCbCr, 4:2:2 8bit RGB, 4:4:4 8bit
Camera Control Interface	VISCA RS-422 RJ45(In/Out) VISCA over IP RJ45
IR Remote Control	Yes
Microphone Input	Stereo Mini-phone(φ3.5mm) x1, (Mic/Line Selectable)
Sync. System	INT
Tally	Front x 1 Red/Green (for PTZ Auto Framing)
Power Connector Type	IEC60130-10 (JEITA standard RC-5320A) Type5

General

Power Requirements	DC 19.5V PoE++(IEEE802.3bt type4 class8)
Power Consumption	DC19.5V : 80W PoE++ : 71.3W
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	156.7 x 184.0 x 200.0mm 6 1/4 x 7 1/4 x 7 7/8 inch
Weight	Approx. 2.0 kg Approx. 4 lb 6.5 oz
Body Colour	White /Black

Size of Screw Hole for Tripod	1/4-20UNC x1
Mountable Angle	< $\pm 15^\circ$
Ceiling Mount	Yes
