SONY

# SRG-A40

PTZ Auto Framing Camera with AI Analytics, 30x(4K)/40x(FHD)* zoom and NDI® HX2 capability. (*w/Clear Image Zoom)




## Overview

**A Camera that Automatically and Naturally Shoots Video for you**

With the advanced PTZ Auto Framing feature, the camera automatically tracks the target in a comfortable viewing with smooth pan, tilt, zoom movement, regardless of posture, movement and what they are wearing. Since there is no need for dedicated operator, this is a system cost advantage.

The SRG-A40 harnesses powerful AI-powered video analytics that can automatically detect and track the position of a presenter within the camera frame. As the presenter moves, the camera's pan/tilt/zoom mechanism ensures that the presenter is always framed accurately and naturally, without the need for a human camera operator to manually follow their movements.

## Features

**Automatic and reliable**
With Sony's newly developed AI Analytics unit, it detects the subject's skeleton and tracks the subject, even when there are several people in the frame.

**Choice of three shooting modes**
The SRG-A40 has a choice of three shooting modes; Full body, Waist, and Close-up. In each mode, you can select the center, left, or right angle of view, and the SRG-A40 can automatically track the subject in the selected optimal position.

**Integrated tally lamp**
The SRG-A40 features a built-in tally lamp, just like you'd find on professional studio cameras. The lamp illuminates to give presenters visual confirmation of shooting status, or to show that PTZ Auto Framing mode is active. The lamp color will change from Red (standby) to Green (PTZ Auto Framing ON).

**High speed pan/tilt**
Speedy, precise pan/tilt operation ensures that the camera can accurately keep track of the presenter's movements.

**Wide angle zoom lens**
As well as powerful close-ups, the SRG-A40 can capture broad shots of the presenter or audience with a wide field of view.

**Clear Zoom**
Digital plus optical zoom increases maximum magnification to a huge 40x for frame-filling close-ups without reducing resolution.

**4K Exmor R sensor**
The highly sensitive 1 /2.5-type image sensor captures crisply-detailed 4K video with extremely low picture noise, even when shooting in low light.

**IP streaming**

Stream 4K 30p video from the camera with support for popular IP protocols – ideal for live events and webcasts.

**PoE++ support**
Support for next-generation Power over Ethernet simplifies installation, with camera power, control and IP video all carried by a single LAN cable.

**HDMI/SDI outputs**
As well as live streaming over IP, the camera can simultaneously output video via HDMI and SDI for conventional production.

**Picture Setting File**
Easily copy picture settings across multiple cameras for quick, convenient set-up in multi-camera shooting environments.

**Remote control of PTZ operation**
Pan/Tilt/Zoom camera movements and other functions can all be precisely controlled using the supplied IR remote commander, for convenient wireless control of PTZ functions without needing additional equipment. It can also be controlled using the optional additional IP500 remote controller, just like professional broadcast cameras.

**Convenient control from a PC or tablet**
Camera functions can also be controlled remotely from a networked PC or tablet* using our intuitive app.
*Windows only

**Easy ceiling mounting**
The camera comes supplied with a mounting plate for convenient ceiling installation, if required.

**Light, compact design**
The camera's stylish, compact body fits unobtrusively into any environment.

**Choice of color finishes**
The SRG-A40 is available in a choice of black or while color finishes, to suit the needs of any application.

## Specifications

| General | |
|---|---|
| Mass | Approx. 2.0 kg<br>(Approx. 4 lb 6.5 oz) |
| Dimensions (W x H x D) *a | Approx. 156.7 × 184.0 × 200.0 mm<br>Approx. 6 1/4 × 7 1/4 × 7 7/8 inches |
| Power Requirements (DC In) | DC 19.5 V |
| Power Requirements (PoE) | PoE++ (IEEE 802.3bt Type 4 Class 8 compliant) |
| Power Consumption (DC In) | ≦80 W (DC 19.5 V) |
| Power Consumption (PoE) | ≦71.3 W (PoE++) |
| Operating Temperature | 0 °C to 40 °C<br>32 °F to 104 °F |
| Storage Temperature | -20 °C to +60 °C<br>-4 °F to +140 °F |
| Quietness *b | NC30 or less |

## General

| | |
|---|---|
| Body Color | Black / White |

## Camera

| | |
|---|---|
| Imaging Device (Type) | 1/2.5 ExmorR CMOS sensor |
| Number of Pixels (Maximum Effective) | Approx. 8.5 megapixels |
| F-number (Maximum aperture) | F2.0 to F3.8 |
| Focal Length | f = 4.4 to 88.0 mm |
| Focal Length (35 mm format equivalent) | 26.8 to 536.0 mm |
| Focus range (from the front of the lens) | Approx. 80 mm to infinity |
| Horizontal Viewing Angle | Approx. 70.0 deg. |
| Optical Zoom | 20x |
| Clear Image Zoom | Approx. 1.5x (QFHD), Approx. 2x (FHD) |
| Digital Zoom | 12x |
| Tele Convert Mode *c | Yes (2.0x) |
| Focusing System | Auto / Manual |
| Minimum Illumination *b | 1.6lx<br>(F2, SS=1/30s, 50IRE, high-sensitivity OFF) |
| Exposure Control | Auto / Manual / Priority AE (Shutter, Iris) |
| Gain | Auto/Manual<br>0 dB to + 48 dB (high-sensitivity ON) |
| Shutter Speed | 1/1 to 1/10000 sec |
| White Balance | Auto1 / Auto2 / One Push WB / Indoor / Outdoor /Manual |
| Color Temperature Range | No |
| Base Look | No |
| Soft Skin Effect | No |
| Built-in ND filter | No |
| Night Shot | No |
| Auto ICR (Auto mode of IR Cut filter Removal) | Yes |
| Day/Night | Yes |
| Visibility Enhancer | Yes |

## Camera

| | |
|---|---|
| Image Stabilizer | Yes |
| Image Flip | Yes |
| Picture Setting File | Yes |

## Pan-Tilt

| | |
|---|---|
| Pan angle | -170 deg. to 170 deg. |
| Tilt angle | -20 deg. to 90 deg. |
| Pan Speed | 0.5 deg./sec to 300 deg./sec |
| Tilt Speed | 0.5 deg./sec to 126 deg./sec |
| Ramp Curve | 1 steps |
| Preset Position | 256 (CGI) / 100 (VISCA) |
| Preset Speed Unit | Speed |
| Picture Freeze Preset | Yes |
| PTZ Motion Sync | Yes |
| PTZ Trace | No |

## Interface

| | |
|---|---|
| SDI Output | SDI OUT: BNC (x1),<br>3G-SDI (Level A/B), HD-SDI |
| HDMI Output | Type-A connector (x1) |
| Optical Output | No |
| UVC Output | No |
| Output Format SDI OUT | 1920 x 1080 / 59.94p, 50p, 59.94i, 50i, 29.97p, 25p, 23.98p<br>1280 x 720 / 59.94p, 50p |
| Output Format HDMI OUT | 3840 x 2160 / 29.97p, 25p, 23.98p<br>1920 x 1080 / 59.94p, 50p, 59.94i, 50i, 29.97p, 25p, 23.98p<br>1280 x 720 / 59.94p, 50p<br>720 x 480 / 59.94p<br>720 x 576 / 50p |
| Output Format SFP+ | No |
| Audio Input | 1/8 in Stereo Minijack x1 (Mic/Line Selectable) |
| Sync. System | Internal |
| Genlock Input | No |
| TC Input/TC Output | No |

## Interface

| | |
|---|---|
| VISCA In/Out | RJ-45 (VISCA IN) (x1)<br>RJ-45 (VISCA OUT) (x1) |
| Network | RJ-45 (LAN) (x1), 1000BASE-T |
| Option | No |
| IR Remote Control | Yes |
| DC Input | IEC60130-10 (JEITA standard RC-5320A) Type5 (x1) |
| Tally Lamp | Center (x1), Red/Green |

## Recording

| | |
|---|---|
| Recording Function | No |

## Network/IP Streaming

| | |
|---|---|
| Network/Transmission Protocols for IPv6 | ICMPv6, MLD, TCP, UDP |
| Network/Transmission Protocols for IPv4 | ARP, ICMP, IGMP, TCP, UDP |
| Application Protocols for IPv6 | DHCPv6, DNS, mDNS, NTP |
| Application Protocols for IPv4 | DHCP, DNS, mDNS, NTP |
| Control Protocols | HTTP/HTTPS, VISCA over IP |
| Streaming Protocols | RTP/RTCP, RTSP, SRT, NDI\|HX |
| IP Stream Video Resolution | 3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360 |
| IP Stream Compression Format | H.264: High / Main / Baseline Profile<br>H.265: Main Profile |
| IP Stream Maximum Frame Rate | H.264: 60 fps<br>H.265: 60 fps |
| IP Stream Bitrate Control Mode | CBR / VBR |
| IP Stream Range of Bitrate Setting | 512 Kbps to 50 Mbps |
| NDI\|HX Capability | Yes *e |
| Camera Tracking Data | No |

## Web App

| | |
|---|---|
| Supported Operation System (Windows) | Windows 11 or later |

| Web App | |
|---|---|
| Supported Operation System (Mac) | macOS 14 or later |
| Supported Operation System (iPad) | iPadOS 17 or later |
| Supported Operation System (Android) | Android 14 or later |
| Supported Web Browsers (Windows) | Google Chrome, Edge |
| Supported Web Browsers (Mac) | Google Chrome |
| Supported Web Browsers (iPad) | Google Chrome, Safari |
| Supported Web Browsers (Android) | Google Chrome |

| PTZ Auto Framing | |
|---|---|
| PTZ Auto Framing (Single-Person) | Yes |
| Multi-person Framing | Yes (8) |
| Framing mode \| Ball Sports (Basketball) | Yes *f |
| PTZ Auto Framing (Pause) | No |
| PTZ Auto Framing (AF Sync) | No |
| Preset Framing/Composition Preset | Composition |
| Lead Room Effect | Yes |
| Face Registration | Yes |
| Tracking Range | Yes |
| Fixed Angle Position | Yes |
| Frame/Area Indicator | Yes *f |
| Detection Part | Head |
| PTZ Auto Framing File | Load/Save *f |

| Mount | |
|---|---|
| Ceiling Mount | Yes (with Ceiling Bracket) |
| Mountable Angle | ≦ ±15° |
| Tripod mounting screw holes | 1/4-20 UNC (x1) |

## Mount

| | |
|---|---|
| Screw holes for external devices | No |

## Supplied Accessories

| | |
|---|---|
| Supplied Accessories | AC power adaptor (x1)<br>Remote commander (RMT-RC2) (x1)<br>Ceiling bracket A (x1)<br>Ceiling bracket B (x1)<br>Screw (M3x8) (x9)<br>Screw (M2.6x6 Black) (x1)<br>Wire rope (x1)<br>QR code sticker (x1)<br>Warranty booklet (x1)<br>Safety regulation (*d)<br>Download site information (x1)<br>AC power code (x1) |

## Notes

| | |
|---|---|
| *a | Without projecting object |
| *b | Sony measurement conditions |
| *c | 1920 x 1080 only |
| *d | Varies by country of sale |
| *e | Version 3.0 or later is required. |
| *f | Version 4.0 or later is required. |

## Related products



**REA-C1000 Edge Analytics Appliance**

Edge Analytics Appliance



**BRC-AM7**

Premium PTZ Auto Framing Camera with AI Analytics, 4K 60p, 20x optical zoom. High interoperability with other production systems

Gallery



































© 2004 - 2026 Sony Corporation. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Features and specifications are subject to change without notice. The values for mass and

dimension are approximate. All trademarks are the property of their respective owners.

Export PDF : November 12 2026