SONY

Sony SRG-A12 8.5 MP Black 3840 x 2160 pixels 60 fps CMOS 25.4 / 2.5 mm (1 / 2.5")

Brand : Sony

Product name : SRG-A12

Product code: SRG-A12BC

- High speed pan/tilt
- Wide angle zoom lens
- Powerful Zoom, wide angle
- PTZ Auto Framing
- Preset camera positions
- Picture Freeze Preset
- AF, AE and AWB
- PTZ Motion Sync
- Simple, flexible setup
- Single network cable
- HDMI/SDI outputs

SRG-A12 PTZ camera with PTZ Auto Framing

Sony SRG-A12. Megapixel (approx.): 8.5 MP, Sensor type: CMOS. HD type: 4K Ultra HD, Maximum video resolution: 3840 x 2160 pixels, Maximum frame rate: 60 fps. Optical zoom: 12x. Product colour: Black

Camera

Camera type	Single camera
Megapixel (approx.) *	8.5 MP
Sensor type	CMOS
Optical sensor size	25.4 / 2.5 mm (1 / 2.5")
Zoom capability	✓
Optical zoom	12x
Focal length range	4.4 - 52.8 mm
Horizontal field of view (wide)	70°
Minimum illumination	1.6 lx
Flip & mirror	✓
Aperture range (F-F)	2 - 3.7
White balance	Auto, Daylight, Indoor, Manual, One push, Outdoor
Auto exposure	✓
Light exposure modes	Auto, Manual, Shutter priority AE
Focus adjustment	Auto/Manual
Gain control type	Auto/Manual
PTZ control	✓
PTZ protocols	VISCA
Minimum working distance (wide)	8 cm
Maximum working distance (tele)	40 cm
Slowest camera shutter speed	1 s
Fastest camera shutter speed	1/10000 s

Video

HD type *	4K Ultra HD
Maximum video resolution *	3840 x 2160 pixels
Maximum frame rate *	60 fps
Video formats supported	H.264, H.265
Supported graphics resolutions	640 x 360, 1280 x 720 (HD 720), 1920 x 1080 (HD 1080), 3840 x 2160
Number of TV lines	1700

Design

Product colour *	Black
Image stabilizer	✓
Tilt angle range	-20 - 90°
Pan range	-170 - 170°

Design

Pan speed (max)	300 °/sec

Ports & interfaces

HDMI ports quantity	1
Ethernet LAN (RJ-45) ports	1
DC-in jack	✓
3G-SDI output	✓
Microphone in	✓
VISCA output ports	1
VISCA input ports	1

Power

Power source type	AC, DC
DC input voltage	19.5 V
Power consumption (typical)	80 W

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C

Packaging content

Power supply included	✓
Cables included	AC, HDMI
Warranty card	✓
Screws included	✓
Mounting brackets included	✓

System requirements

Windows operating systems supported	Windows 10, Windows 10 Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64, Windows 10 Home, Windows 10 Home x64, Windows 10 IoT Enterprise, Windows 10 Pro, Windows 10 Pro x64, Windows 10 x64, Windows 11, Windows 11 Enterprise, Windows 11 Enterprise x64, Windows 11 Home, Windows 11 Pro, Windows 11 x64
Mac operating systems supported	Mac OS X 11.0 Big Sur, Mac OS X 12.0 Monterey

Design

Tally light	✓
Tilt speed (min)	0.5 °/sec
Tilt speed (max)	126 °/sec
Pan speed (min)	0.5 °/sec

Performance

Auto framing	✓

Audio

Audio channels	2
Audio codecs	AAC LC 256kbps/ST (IP), AAC LC 128kbps/ST(IP)

Network

Multi-stream capability	3
Bit rate control	Constant Bit Rate (CBR), Variable Bit Rate (VBR)
Bit rate range	512 - 50000 Kbit/s
Supported network protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP/RTCP, RTSP, VISCA over IP, SRT

Weight & dimensions

Width	156.7 mm
Depth	200 mm
Height	184 mm
Weight	2 kg

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