

HDR-AS30V/B

Compact POV action cam

Bring on the action with the only mountable camera that captures it all in legendary Sony video quality. Shoot shake-free with image stabilization and enjoy Wi-Fi® connectivity with NFC that lets you remote control, view and transfer with your smartphone. GPS maps your location and speed, while you record in Full HD 1080/60p or even 4x slo mo. It's ready, are you?



Key Features

SteadyShot™ image stabilization reduces blur

SteadyShot™ image stabilization with Active Mode compensates for greater degrees of camera shake to deliver stunningly smooth video from wide angle to full telephoto shooting.

Built-in Wi-Fi® with NFC connection for remote control and viewing via smartphone

Turn compatible smart phones and tablets in to remote control viewing devices via Wi-Fi® with One Touch Near Field Communication (NFC).

Built-in GPS plots location and calculates telemetry

Built in GPS can be used in conjunction with the free PlayMemories™ Home software to make viewing and sharing videos fun and easy. Location and trail information as well as speed information add more layers to your ability to analyze your performance that can be captured and displayed on your video.

6 video modes including 1080/60p HD and 4x slow motion

Six video shooting modes are available for flexible shooting scenarios. Record in Full HD 1920x1080/60p for beautiful smooth video. HQ mode delivers full-HD quality for the highest image resolution. Three standard HD modes are provided: STD mode, 2x SLOW and 4x SLOW. 2x SLOW is useful for recording fast-moving extreme sports, while the 4x SLOW mode can be used to slow the action down even further in order to analyze a golf or baseball swing, for example. There's also an SD mode that provides extended recording time at VGA resolution (640 x 480, 30p). FULL HD: PS (1920 x 1080 60p), HQ (1920 x 1080 30p). HD: STD (1280 x 720 30p), SLOW (1280 x 720 30p), SLOW (1280 x 720 30p). SD: VGA (640 x 480 30p)

Ultra wide 170° pro quality Carl Zeiss® Vario-Tessar® lens

With an ultra-wide angle Carl Zeiss® Vario-Tessar® lens, you will increase your perspective (170-degree viewing angle) while you venture out on breathtaking views of dynamic terrain to include ski slopes and mountain trails.

Exmor R® CMOS sensor for excellent low light performance

Experience stunning low-light performance with improved image clarity and drastically reduced grain with Sony's back-illuminated Exmor R® CMOS sensor.

Ruggedized, waterproof housing² with universal tripod mount included

The Sony® HDR-AS30V ships with a ruggedized, waterproof housing (SPK-AS2) with universal tripod mount that is built to handle extreme environments, allowing you to concentrate on safety and composition while capturing Full HD videos. Within the housing, the camera is waterproof down to 16 feet and has a shock resistance rating for up to 5 foot drops plus dirt and dust resistant seals that help make it nearly impervious to mud, snow, rain, and grime.

Remote control operation with optional Live View Remote

Using optional Live View Remote accessory you can control the HDR-AS30V via Wi-Fi¹. This multi-functional watch allows you to frame your shots and control the camera's recording settings and start/stop record.

Capture amazing high quality 12MP still images in photo mode

Put your HDR-AS30V in still image mode and capture amazing high quality 12MP still images with a single press of the button.

Built-In stereo mic for quality sound recording

A built-in stereo microphone allows you to capture all the exciting sounds of your adventure.

Thin, light-weight, slim design

The new SPK-AS2 waterhousing that ships with the HDR-AS30V has thin and slim-line design that receives less wind and water pressure and is ideal for outdoor activities such as cycling. It can be used with a variety of mounting accessories to capture hands-free POV HD video while engaged in a wide spectrum of outdoor activities, including extreme sports. As compared to first generation Action Cam housing (SPK-AS1) the new SPK-AS2 is 35% lighter and 25% smaller. The camera can be fully operated with simple buttons on the side of the housing.

Memory Stick Micro™ and Micro SD/SDHC compatible

Expandable memory with Memory Stick Micro™ and Micro SD/SDHC card slot.

HDMI® output for easy file transfer

With HDMI® output, you'll be able to share your Sony® HDR-AS30V video with friends and family on your HDTV (HDMI cable required/not included).

Specifications

Camera	
Camera Type	POV Action Cam
Imaging Sensor	
Imaging Sensor	1/2.3" (7.77mm) back-illuminated Exmor R® CMOS Sensor
Processor	BIONZ® image processor
Pixel Gross	Approx.16800K pixels
Effective Picture Resolution	Approx.11,900K pixels (16:9)
Color Filter System	RGB primary color filters
Recording	
Media Type	Memory Stick Micro™ (Mark 2), Micro SD/SDHC/SDXC, Memory Card (Class 4 or Higher)
Still Image Mode	JPEG
Still Image Max Effective Resolution	11.9 megapixels
Video Format	MP4: MPEG-4 AVC/H.264
Video Resolution	PS:1920x1080 60p (PS), 1920x1080 30p (HQ), 1280x720 30p (STD), 1280x720 60p/- (SLOW), 1280x720 120p/- (SSLOW), 640x480 30p (VGA)
Video Actual (Pixel)	Approx.11,900K pixels
Video Signal	HD:HDTV 1080/60p
Audio Format	MPEG-4 AAC-LC 2ch
Microphone/Speaker	Built-in Microphone, Monoral Speaker
Movie Recording Rate(Average Bit Rate/VBR)	HQ:Approx.16Mbps/ SSLOW:Approx.24Mbps/ SLOW:Approx.12Mbps/ STD:Approx.6Mbps/ VGA:Approx.3Mbps
Still Image File Format	DCF Ver.2.0 compatible, Exif Ver.2.3 compatible, MPF Baseline compatible
Still Image Size(Photo Mode)	11.9 megapixels 16:9 (1920x1080)
Optics/Lens	
Lens Type	Carl Zeiss® Vario-Tessar® Lens
Aperture	F2.8
Focal Length (35mm equivalent)	f=15.3mm, f= 5/8 inch
Minimum Focus Distance	Approx.1 3/16inch (Approx 30cm)
Angle of View	170° (without SteadyShot), 120° (with SteadyShot)
Focal Distance	f=2.5mm, f=1/8inch
Steady Shot Mode:Active	21.3mm
Exposure System	
Metering Modes	Multi-segment
Scene Mode(s)	Auto / Underwater
Noise Reduction	Yes
White Balance Mode	Auto
Minimum Illumination	6 lux

Backlight Compensation	Yes (Auto)
Drive System	
Shutter Speeds	Auto Control Range: 1/30 - 1/10,000 (30fps)
Convenience Features	
Date / Time Stamp	Yes
Media/Battery Indicator	Yes (recordable time) / Yes (remaining capacity)
Multiple Language Display	English
Advanced Features	
Waterproof	Yes (In use with Waterproof Case (SPK-AS2))
Airplane Mode	Yes
Embedded GPS	Yes
Image Stabilization	SteadyShot™ image stabilization w/ Active mode
Wi-Fi	Control with Smartphone
Interface	
Memory Card Slot	Memory Stick Micro™ and Micro SD/SDHC/SDXC compatible
NFC	Yes (NFC forum Type 3 Tag compatible)
Wi-Fi	IEEE 802.11b/g/n (2.4GHz band)
HD Output	HDMI Out (micro) (sold separately)
USB Port(s)	micro-B/USB2.0 Hi-speed (mass-storage)
BRAVIA® Sync™	Yes
Microphone Input	Stereo Mini Jack
HDMI Terminal	Yes (HDMI micro)
Multi/Micro USB Terminal	Yes
Weights and Measurements	
Dimensions (Approx.)	Approx.31/32inch x 1 7/8inch x 3 1/4inch (Approx.24.5mm x 47.0mm x 82.0mm) including supplied battery
Weight (Approx.)	Approx. 2oz (Approx. 65g)
Power	
Power Consumption (in Operation)	1.9W
Power Requirements	3.6V (battery pack)
Battery Type	NP-BX1
Optional Accessories	
Optional Accessories	Adhesive mount pack (VCT-AM1) Anti Fog Insert (AKA-AF1) Handheld grip w/ LCD Screen (AKA-LU1) Headband mount (BLT-HB1) Handle bar mount (VCT-H(M1)) Replacement Door Pack (AKA-RD1) Replacement waterhousing (SPK-AS1) Suction Cup (PF-VCT-SC1) Tilt adaptor (VCT-LU1) Waterproof headband kit (VCT-GM1)
Accessories	
Supplied Accessories	Rechargeable Battery Pack(NP-BX1) (1) Micro USB Cable (1) Operating Guide (1) Waterproof Case(SPK-AS2)(1) Adhesive Mount(1)

1. Requires NFC-compatible mobile device. Check device's user manual for compatibility. Device cases may prevent connection.

2. While the "Live-View Remote" is water proofed, the Wi-Fi feature cannot be used when submerged in water. Available distance of the Wi-Fi depends on using environment and situation.

3. Waterproof down to 16feet

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