AXIS W101 Body Worn Camera

Made with you in mind

AXIS W101 Body Worn Camera is a robust and easy-to-use body worn camera featuring the Klick Fast™ mounting system. It delivers clear audio with noise suppression and exceedingly sharp images in every frame. Axis Zipstream technology lowers bandwidth and storage requirements without compromising video quality. AXIS W101 offers up to 17 hours of battery time and charging with any USB-C® charger. Recording is activated automatically upon unholstering and person down. And the location of the camera can be continuously recorded with the built-in GNSS receiver (location tracking). Built-in Bluetooth®, and network technologies provide wireless communication with, for example, the AXIS Body Worn Assistant mobile app.

> **Always sharp video and clear audio**

> **Operating time of up to 17 hours**

> **Klick Fast™ System**

> **Location tracking**

> **3-year warranty**

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Camera

Image sensor	1/2.9" progressive scan RGB CMOS Sensitivity: 0.1 lux
Lens	Focal length, 2.1 mm Horizontal field of view: 141° Vertical field of view: 82° Fixed iris, F2.1
Shutter speed	1/32000 s to 1/25 s with 50 Hz 1/32000 s to 1/30 s with 60 Hz

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) High Profile
Resolution	1920x1080, 1280x720
Frame rate	25 fps at 50 Hz 30 fps at 60 Hz
Video streaming	Axis Zipstream for body worn

Audio

Audio encoding	AAC-LC **One channel:** 48 kHz, 128 kbps **Two channels (optimized for post-processing mode):** 48 kHz, 2x128 kbps
Audio input/output	Built-in dual microphones
Functionality	Voice enhancement

Cybersecurity

Edge security	**Software:** Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption **Hardware:** Secure boot, Axis Edge Vault with Axis device ID, signed video, secure keystore (CC EAL4+ certified hardware protection of cryptographic operations and keys)
Network security	IEEE 802.1X (EAP-TLS), IEEE 802.1AR, HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
Documentation	*AXIS OS Hardening Guide* *Axis Vulnerability Management Policy* *Axis Security Development Model* To download documents, go to *axis.com/support/cybersecurity/resources* To read more about Axis cybersecurity support, go to *axis.com/cybersecurity*

General

Battery	Li-ion, 3600 mAh Up to 17 hours operating time in 720p Up to 15 hours operating time in 1080p
Storage	64 GB non-volatile memory, up to 30 hours of recorded video AES256 encryption standard
Throughput	Camera to system controller: 100 Mbit/s
Recording	Configurable audio and video pre-buffer 0, 15, 30, 60, 90, and 120 s[a]
Positioning system	GPS, GLONASS, Galileo
Location	Track, start and end
Sensor	6-axis gyroscope, accelerometer
User interface	Status indicators, audio and vibration feedback

Wireless interface	Bluetooth® Low Energy 4.1 IEEE 802.11b/g/n @ 2.4 GHz channels 1–11
Cybersecurity	Signed firmware CJIS compliant encrypted internal storage (AES256) Axis Edge Vault with Axis device ID
Casing	IP67-rated Plastic casing Drop tested up to 2 m Color: Black NCS S 9000-N, White NCS S 1002-B
Mounting	Klick Fast™ System
Sustainability	PVC free
Connectors	Pogo pin pads, USB
Operating conditions	-20 °C to 55 °C (-4 °F to 131 °F) Humidity 10–100% RH (condensing)
Storage conditions	-20 °C to 45 °C (-4 °F to 113 °F) Humidity 5-95% RH (non-condensing)
Supply chain	NDAA compliant, TAA compliant
Approvals	EMC EN 55032 Class B, EN 55035, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-3(B)/NMB-3(B), RCM AS/NZS CISPR 32 Class B Wireless EN 300328, EN 301489-1, EN 301489-17, EN 303413, FCC Part 15 Subpart C, RSS-247 Safety IEC/EN/UL 62368-1, EN 50360, IS 13252 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-78, IEC/EN 60529 IP67 MIL-STD-810H (Method 501.7, 503.7, 505.7, 509.7, 512.6, 516.8)
Dimensions	Height: 94 mm (3.7 in) Width: 68 mm (1.7 in) Depth: 27 mm (1.1 in)
Weight	179 g (0.39 lb)
Included accessories	AXIS TW1100 Clip Mount (only included in 1-pack)
Optional accessories	Klick Fast™ System for Body worn camera mounts, AXIS TW1200 Body Worn Mini Bullet Sensor, AXIS TW1201 Body Worn Mini Cube Sensor AXIS Body Worn Assistant app for Android, iOS For more accessories, see *axis.com/bodyworn*
Warranty	3-year warranty, see *axis.com/warranty*. The 3-year warranty covers manufacturing defects in the product, including the battery. Do not replace the 3.7 V ID1058 battery during the period under which the Axis Hardware Product is covered by the Axis 3-year Limited Hardware Warranty. Replacement of the battery carried out by any other party than Axis during the warranty period voids the main item's warranty. Contact Axis Support or your reseller for matters regarding the battery or other service-related matters.

a. *In complex scenes, when using maximum resolution and 90 s pre-buffer, the actual pre-buffer time may be slightly shorter than configured.*

Environmental responsibility:

axis.com/environmental-responsibility

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