AXIS W100 Body Worn Camera
Body worn camera from Axis

AXIS W100 Body Worn Camera is an easy-to-use, lightweight and robust body worn camera with an operating time of up to 17 hours. It delivers sharp images even in challenging conditions and has dual microphones for excellent audio and noise suppression. AXIS W100 features the Klick Fast System, making it compatible with most available mounting options. In addition, Axis Zipstream technology allows users to store as much footage as they require without compromising image quality. The camera also features a GPS/GNSS receiver for location data, Bluetooth® Low Energy 4.1, IEEE 802.11b/g/n, and a 6-axis gyro and accelerometer.

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

> **Klick Fast System**

> **WDR**

> **Dual microphones for noise suppression**

> **3-year warranty**

AXIS W100 Body Worn Camera

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
WDR	WDR
Video streaming	Axis Zipstream for body worn

Audio

Audio encoding	AAC-LC **Mono:** 48 kHz, 64 kbps **Stereo:** 48 kHz, 128 kbps
Audio input/output	Built-in dual microphones

Approvals

Supply chain	TAA compliant
EMC	EN 55032 Class B, EN 55035, EN 61000-6-1, EN 61000-6-2 **Australia/New Zealand:** RCM AS/NZS CISPR 32 Class B **Canada:** ICES-3(B)/NMB-3(B) **USA:** FCC Part 15 Subpart B Class B
Safety	IEC/EN/UL 62368-1, EN 50360
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)
Wireless	EN 300328, EN 301489-1, EN 301489-17, EN 303413, FCC Part 15 Subpart C, RSS-247
Cybersecurity	ETSI EN 303 645

Cybersecurity

Edge security	**Software:** Signed OS, AES-XTS-Plain64 256bit encryption
Network security	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), HTTPS/HSTS[a], TLS v1.2/v1.3[a]
Documentation	Axis body worn cameras – system security white paper, available at *axis.com/learning/white-papers* *Axis Vulnerability Management Policy* *Axis Security Development Model* AXIS OS Software Bill of Material (SBOM) 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 seconds[b]
Positioning system	GPS
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)
Casing	IP67-rated Plastic casing Drop tested up to 2 m
Color	Black NCS S 9000-N
Mounting	Klick Fast™ System
Sustainability	PVC free
Connectors	Pogo pin pads USB (for Axis accessories and charging using a cable with a USB Type-C® connector)
Operating conditions	Temperature: -20 °C to 55 °C (-4 °F to 131 °F) Humidity: 10–100% RH (condensing)
Charging conditions	Temperature: 0 °C to 35 °C (32 °F to 95 °F) Humidity: 5–95% RH (non-condensing)
Storage conditions	Temperature (< 3 months): -20 °C to 45 °C (-4 °F to 113 °F) Temperature (> 3 months): 23 °C to 27 °C (73 °F to 81 °F) Optimal temperature: 25 °C (77 °F) Humidity: 5–95% RH (non-condensing)
Dimensions	Height: 94 mm (3.7 in) Width: 68 mm (2.7 in) Depth: 27 mm (1.1 in)
Weight	174 g (0.38 lb)
Included accessories	AXIS TW1100 Clip Mount AXIS TW1106 Magnet Mount
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. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*
b. *In complex scenes, when using maximum resolution and 90 seconds pre-buffer, the actual pre-buffer time might be slightly shorter than configured.*

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