

# 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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|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Storage</b>              | 64 GB non-volatile memory, up to 30 hours of recorded video<br>AES256 encryption standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Image sensor</b>       | 1/2.9" progressive scan RGB CMOS<br>Sensitivity: 0.1 lux                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Throughput</b>           | Camera to system controller: 100 Mbit/s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Lens</b>               | Focal length, 2.1 mm<br>Horizontal field of view: 141°<br>Vertical field of view: 82°<br>Fixed iris, F2.1                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Recording</b>            | Configurable audio and video prebuffer 0, 15, 30, 60, 90, and 120 seconds <sup>b</sup><br>Configurable audio and video postbuffer 0, 10, 30, and 60 seconds                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Shutter speed</b>      | 1/32000 s to 1/25 s with 50 Hz<br>1/32000 s to 1/30 s with 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Positioning system</b>   | GPS, GLONASS, Galileo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Video</b>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Location</b>             | Track, start and end                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Video compression</b>  | H.264 (MPEG-4 Part 10/AVC) High Profile                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Sensor</b>               | 6-axis gyroscope, accelerometer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Resolution</b>         | 1920x1080, 1280x720                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>User interface</b>       | Status indicators<br>Audio and vibration feedback                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Frame rate</b>         | 25 fps at 50 Hz<br>30 fps at 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Wireless interface</b>   | Bluetooth® Low Energy 4.1<br>IEEE 802.11b/g/n @ 2.4 GHz channels 1–11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Video streaming</b>    | Axis Zipstream for body worn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Casing</b>               | IP67-rated<br>Plastic casing<br>Drop tested up to 2 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Audio</b>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Color</b>                | Black NCS S 9000-N<br>White NCS S 1002-B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Audio encoding</b>     | AAC-LC<br>One channel: 48 kHz, 128 kbps<br>Two channels (optimized for post-processing mode):<br>48 kHz, 2x128 kbps                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Mounting</b>             | Klick Fast™ System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Audio input/output</b> | Built-in dual microphones                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Sustainability</b>       | PVC free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Functionality</b>      | Voice enhancement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Connectors</b>           | Pogo pin pads<br>USB (for Axis accessories and charging using a cable with a USB Type-C® connector)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Approvals</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Operating conditions</b> | Temperature: -20 °C to 55 °C (-4 °F to 131 °F)<br>Humidity: 10–100% RH (condensing)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Supply chain</b>       | TAA compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Charging conditions</b>  | Temperature: 0 °C to 35 °C (32 °F to 95 °F)<br>Humidity: 5–95% RH (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>EMC</b>                | EN 55032 Class B, EN 55035, EN 61000-6-1<br>Australia/New Zealand: RCM AS/NZS CISPR 32 Class B<br>Canada: ICES-3(B)/NMB-3(B)<br>USA: FCC Part 15 Subpart B Class B                                                                                                                                                                                                                                                                                                                                                                                | <b>Storage conditions</b>   | Temperature (< 3 months): -20 °C to 45 °C (-4 °F to 113 °F)<br>Temperature (> 3 months): 23 °C to 27 °C (73 °F to 81 °F)<br>Optimal temperature: 25 °C (77 °F)<br>Humidity: 5–95% RH (non-condensing)                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Safety</b>             | IEC/EN/UL 62368-1, EN 50360, IS 13252                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Dimensions</b>           | Height: 94 mm (3.7 in)<br>Width: 68 mm (2.7 in)<br>Depth: 27 mm (1.1 in)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Environment</b>        | IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14,<br>IEC 60068-2-78, IEC/EN 60529 IP67<br>MIL-STD-810H (Method 501.7, 503.7, 505.7, 509.7, 512.6, 516.8)                                                                                                                                                                                                                                                                                                                                                                                              | <b>Weight</b>               | 179 g (0.39 lb)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Wireless</b>           | EN 300328, EN 301489-1, EN 301489-17, EN 303413,<br>FCC Part 15 Subpart C, RSS-247                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Included accessories</b> | AXIS TW1100 Clip Mount (only included in 1-pack)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Cybersecurity</b>      | ETSI EN 303 645                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Optional accessories</b> | Klick Fast™ System for Body worn camera mounts, AXIS TW1200 Body Worn Mini Bullet Sensor, AXIS TW1201 Body Worn Mini Cube Sensor<br>AXIS Body Worn Assistant app for Android, iOS<br>For more accessories, see <a href="https://axis.com/bodyworn">axis.com/bodyworn</a>                                                                                                                                                                                                                                                                                                      |
| <b>Cybersecurity</b>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Warranty</b>             | 3-year warranty, see <a href="https://axis.com/warranty">axis.com/warranty</a> . The 3-year warranty covers manufacturing defects in the product, including the battery.<br>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. |
| <b>Edge security</b>      | Software: Signed OS, AES-XTS-Plain64 256bit encryption<br>Hardware: Axis Edge Vault cybersecurity platform<br>Secure element (CC EAL 6+), Axis device ID, secure keystore, signed video, secure boot                                                                                                                                                                                                                                                                                                                                              |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Network security</b>   | IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), IEEE 802.1AR, HTTPS/HSTS <sup>a</sup> , TLS v1.2/v1.3 <sup>a</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Documentation</b>      | Axis body worn cameras – system security white paper, available at <a href="https://axis.com/learning/white-papers">axis.com/learning/white-papers</a><br>Axis Vulnerability Management Policy<br>Axis Security Development Model<br>AXIS OS Software Bill of Material (SBOM)<br>To download documents, go to <a href="https://axis.com/support/cybersecurity/resources">axis.com/support/cybersecurity/resources</a><br>To read more about Axis cybersecurity support, go to <a href="https://axis.com/cybersecurity">axis.com/cybersecurity</a> |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>General</b>            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Battery</b>            | Li-ion, 3600 mAh<br>Up to 17 hours operating time in 720p<br>Up to 15 hours operating time in 1080p                                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([openssl.org](https://openssl.org)), and cryptographic software written by Eric Young ([eyay@cryptsoft.com](mailto:eyay@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.