

AXIS W102 Body Worn Camera

Robust and reliable for operational agility

AXIS W102 Body Worn Camera empowers and protects officers and security guards. An updated hardware platform and image sensor minimize motion blur and maximize light sensitivity. Carefully placed digital microphones clarify sound and decrease wind noise. Up to 120 seconds of buffering and Bluetooth® beacons that can trigger nearby cameras help capture incidents in their entirety from every angle. Support for AXIS Body Worn Live allows live streaming via Wi-Fi® or mobile hotspot. Furthermore, our hardware-based cybersecurity platform and multiple layers of encryption safeguard the device and protect sensitive information from unauthorized access.

- > Always sharp images
- > Excellent sound quality
- > Long battery life
- > Supports live streaming
- > Multiple layers of encryption





AXIS W102 Body Worn Camera

General Casing PRP-racted Plastic casing PRP-racted Plas	Camera Image sensor	1/2 Of progressive coar DOD CMOS		To read more about Axis cybersecurity support, go to axis.com/cybersecurity	
Focal length, 2.3 mm Horizontal field of view: 137* Vertical field of view: 78* Vertical field view: 78* Vertical field view: 78* Vertical field view: 78* Vertical fi	image sensor	1/2.9" progressive scan RGB CMOS Sensitivity: 0.1 lux	General	unscompeyorisecurity	
Shutter speed 1/20000 s to 1/30 s with 60 Hz	Lens	Horizontal field of view: 137° Vertical field of view: 76°		Plastic casing Drop tested up to 2 m	
System on chip GSC) Model Sci. Memory 1024 MB RAM, 512 MB Flash Video Video H. 264 (MPEG-4 Part 10/AVC) High Profile Compression Wish Memory 1024 MB RAM, 512 MB Flash Video Wideo H. 264 (MPEG-4 Part 10/AVC) High Profile Wish Memory 1020 MB RAM, 512 MB Flash Video Wideo H. 264 (MPEG-4 Part 10/AVC) High Profile Wish Memory 1020 MB RAM, 512 MB Flash Wish Memory 1020 MB RAM, 512 MB Flash Video Wideo H. 264 (MPEG-4 Part 10/AVC) High Profile Wish Memory 1020 MB RAM, 512 MB Flash Wish MB MB Ram, 512 MB Pall MB Rate Part 10/AVC, 515, 516, 516, 50, 50, 50, 50, 50, 50, 50, 50, 50, 50	Day and night	Automatic IR-cut filter	Mounting	Klick Fast™ System	
Mode Sql Memory 1024 MB RAM, 512 MB Flash Connectors	·	1/20000 s to 1/30 s with 60 Hz	Battery	Up to 15 hours operating time in 720p ^b Up to 14 hours operating time in 1080p ^b	
Memory 1024 MR RAM, 512 MB Flash USB (for Axis ascessories and charging using a cable with a US Type-C'e connector)					
Storage		1024 MB RAM, 512 MB Flash	Connectors	USB (for Axis accessories and charging using a cable with a USB	
Frame rate 25 fpc at 50 Hz 30 fps at 60 Hz	Video	H.264 (MPEG-4 Part 10/AVC) High Profile	Storage		
Video streaming Axis Zipsteam for body worn	Resolution	1920x1080, 1280x720	Throughput	Camera to system controller: 100 Mbit/s	
Word Word Word Word Word Word Word Word		30 fps at 60 Hz	Recording	120 seconds	
Track start and and Audio features Voice enhancer, noise cancellation Sensor		· · · · · · · · · · · · · · · · · · ·			
Audio input Built-in dual microphones (can be disabled) Audio encoding And-IC One channel: 48 kHz, 128 kbps Two channels: 48 kHz, 128 kbps Two channels: 48 kHz, 128 kbps Approvals Product markings UL/CUL, CE, KC, VCCI, RCM, BSMI, MIC, WEEE, FCC, ICES, COMATE, ANATEL, ICASA, NCC, ENACOM, BIS, IFT, NOM, SRRC Supply chain TAA compliant EMC CISPR 35, CISPR 32 Class B, EN 55035, EN 55032 Class B, EN 661000-6-1, EN 61000-6-2 Australia/New Zealand: RCM AS/NZS CISPR 32 Class B Canada: ICCS-3(B)/MB-3(B) Japan: VCCI Class Korea: KS C 9835, KS C 9832 Class B USA: RCC Part 15 Subpart C RSS EN 62011, S 13252 Environment IEC 60068-2-78, IECFIN 60529 IPG7, MIL-STD-810H (Method 501.7, 5037, 5057, 5057, 5126, 516.8) Wireless EN 300328, EN 300440, EN 301893, EN 303413, EN 301489-1, RS 301489-17, PCC Part 15 Subpart C, RSS-247 Cybersecurity Edge security Edge security Edge security Edge security Edge security IEE 80.21X (EAP-TLS, PEAP-MSCHAPV2) ³ , IEEE 802.1AR, HTTPS/HSTS ³ , TS V1.2/N.3 Documentation Axis Security LEE RS 20.1X (EAP-TLS, PEAP-MSCHAPV2) ³ , IEEE 802.1AR, HTTPS/HSTS ³ , TS V1.2/N.3 Axis Security Development Model AXIS DOS Software Bill of Material (SB0M) Axis Security Development Model AXIS DOS Software Bill of Material (SB0M) To download documents, 30 to axis com/support/cybersecu-				GPS, GLONASS, Galileo, BeiDou	
Audio encoding AA-CLC One channel: 48 kHz, 128 kbps Two channels (optimized for post-processing mode): 48 kHz, 2x128 kbps Two channels (optimized for post-processing mode): 48 kHz, 2x128 kbps Two channels (optimized for post-processing mode): 48 kHz, 2x128 kbps Product markings UL/CLI, CE, KC, VCCI, RCM, BSMI, MIC, WEEE, FCC, ICES, CONATEL, ANATEL, ICASA, NCC, ENACOM, BIS, IFT, NOM, SRRC Supply chain IAA compliant EMC CISPR 32, CISPR 32, CISSR 93, EM 55035, EM 55032 Class B, EM 56035, EM 55035, EM 55032 Class B, EM 56036, EM 5603	Audio		Location	Track, start and end	
Audio encoding One channel: 48 kHz, 128 kbps Two channels (optimized for post-processing mode): 48 kHz, 2x128 kbps Two channels (optimized for post-processing mode): 48 kHz, 2x128 kbps Two channels (optimized for post-processing mode): 48 kHz, 2x128 kbps Two channels (optimized for post-processing mode): 48 kHz, 2x128 kbps Wireless Interface Wir-Fi* 5 alb/gln/ac @ 2.4 GHz, 5 GHz wireless Interface COPA STOR STOR STOR STOR STOR STOR STOR STOR	Audio features	Voice enhancer, noise cancellation	Sensor	3-axis gyroscope and accelerometer, compass	
Audio and vibration feedback One channel: 48 kHz, 128 kbps Two channels (optimized for post-processing mode): 48 kHz, 2x128 kbps Two channels (optimized for post-processing mode): 48 kHz, 2x128 kbps Product markings UL/CUL, CE, KC, VCCI, RCM, BSMI, MIC, WEEE, FCC, ICES, CONATEL, ANATEL, ICASA, NCC, ENACOM, BIS, IFI, NOM, SRRC Supply chain TAA compliant EMC CISPR 32 Class B, EN 55035, EN 55032 Class B, EN 61000-6-1, EN 61000-6-2, Australia/New Zealands: RCM AS/NZS CISPR 32 Class B, Canada: ICES-3(BI)NMB-3(B) Japan: VCCI Class B Norea: KS C 9835, KS C 9832 Class B USA: FCC Part 15 Subpart B Class B Safety CAN/CSA C22 No. 62368-1 ed. 3, IEC/EN/UL 62368-1 ed. 3, EN 62311, IS 13252 Environment IEC 60068-2-1, IEC 60068-2-14, IEC 60068-2-14, IEC 60068-2-78, IEC/PR 00529 IPG7, MIL-STD-810H (Method 5017, 5037, 5037, 5037, 5037, 512.6, 516.8) Wireless Wireless The moderation of the security Wireless The moderation of the security Software: Signed vide, secure bot, encrypted file-system (AES-XTS-Plain64 256bit) Network security Edge security Network security Hetwork security LEE 60012, IX (EAP-TLS, PEAP-MSCHAPV2) ⁸ , IEEE 802.1AR, HTPS/HSTS ⁸ , TLS V1.2/v1.3 ^a Network security LEE 6007, IX (EAP-TLS, PEAP-MSCHAPV2) ⁸ , IEEE 802.1AR, HTPS/HSTS ⁸ , TLS V1.2/v1.3 ^a Network security LEE 6007, IX (EAP-TLS, PEAP-MSCHAPV2) ⁸ , IEEE 802.1AR, HTPS/HSTS ⁸ , TLS V1.2/v1.3 ^a Documentation Axis body worn cameras – system security white paper, available at axis conflavantile-papers Axis Vulnerability Management Policy Axis Security Development Model AXIS OS Software Bill of Material (SBOM) To download documents, so to our axis com/support/cybersecu-	Audio input	Built-in dual microphones (can be disabled)	User interface		
Approvals Product markings UL/CUL, CE, KC, VCCI, RCM, BSMI, MIC, WEEE, FCC, ICES, CONATEL, ANATEL, ICASA, NCC, ENACOM, BIS, IFI, NOM, SRRC Supply chain TAA compliant EMC CISPR 35, CISPR 32 Class B, EN 55035, EN 55032 Class B, EN 61000-6-1, EN 61000-6-2 Australia/New Zealants (RCM AS/NZS CISPR 32 Class B) EN 61000-6-1, EN 61000-6-2 Australia/New Zealants (RCM AS/NZS CISPR 32 Class B) LISA: FCC Part 15 Subpart B Class B Koras: KS C 9835, KS C 9832 Class B LISA: FCC Part 15 Subpart B Class B LISA: FCC Part 15 Subpart B Class B EN 62311, IS 13262 Environment IEC 60068-2-78, IEC/EN 60529 IP67, MIL-STD-810H (Method 5017, 503.7, 503.7, 503.7, 512.6, 516.8) Wireless EN 3003482-11, EC 60068-2-12, IEC 60068-2-14, EC 60068-2-14, EC 60068-2-14 (Special Environment B) (Control Environment Control Environment Cont	Audio encoding	One channel: 48 kHz, 128 kbps	140	Audio and vibration feedback	
Product markings UL/cUL, CE, KC, VCCI, RCM, BSMI, MIC, WEEE, FCC, ICES, CONATEL, ANATEL, ICASA, NCC, ENACOM, BIS, IFI, NOM, SRRC Supply chain TAA compliant EMC CISPR 35, CISPR 32 Class B, EN 55035, EN 55032 Class B, 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) Japan: VCC Class B Korea: KS C 9835, KS C 9832 Class B USA: RCC Part 15 Subpart B Class B VSA: RCC Part 15 Subpart B Class B VSA: RCC Part 15 Subpart B Class B Safety CAN/CSA C22, 2 No. 62368-1 ed. 3, IEC/EN/UL 62368-1 ed. 3, IEC/EN/BL (Method 501.7, 503.7, 505.7, 509.7, 512.6, 516.9) Environment IEC 60068-2-1, IEC 60068-2-1, IEC 60068-2-14, IEC 60068-2-1, IEC 60068-2-180.0) IEC 60068-2-1, IEC 60068-2-180.0) IEC 60068-2-1, IEC 60068-2-10, IEC 60068-2-14, IEC 60068-2-1, IEC 60068-2-180.0) IEC 60068-2-1, IEC 60068-2-180.0) IEC 60068-2-1, IEC 60068-2-10, IEC 60068-2-14, IEC 60068-2-1, IEC 60068-2-1, IEC 60068-2-1, IEC 60068-2-1, IEC 60068-2-1, IEC 60068-2-1, IEC 60068-2-14, IEC 60068-2-1, I			interface	Wi-Fi® 5 a/b/g/n/ac @ 2.4 GHz, 5 GHz	
CONATEL ANATEL (CASA, NCC, ENACOM, BIS, IFF, NOM, SRC CONATEL, ANATEL (CASA, NCC, ENACOM, BIS, IFF, NOM, SRC CONATEL, ANATEL (CASA, NCC, ENACOM, BIS, IFF, NOM, SRC CONATEL, ANATEL (CASA, NCC, ENACOM, BIS, IFF, NOM, SRC CONATEL, ANATEL (CASA, NCC, ENACOM, BIS, IFF, NOM, SRC CONATEL (CASA, NCC, ENACOM, BIS, ITE, SAC, NCC, ENACOM, BIS, ITE, SAC, ITE, SA		HILL OF NO YOUR DOM DOM AND MISSE FOR LOSS			
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EMC CISPR 35, CISPR 32 Class B, EN 55035, EN 55032 Class B, EN 61000-6-12, Australia/New Zealand: RCM AS/NZS CISPR 32 Class B Canada: ICES-3(B)/NJMB-3(B) Japan: VCCI Class B Korea: KS C 9832 Class B USA: FCC Part 15 Subpart B Class B Seety CAN/CSA C22.2 No. 62368-1 ed. 3, IEC/EN/UL 62368-1 ed. 3, EN 62311, IS 13252 Environment IEC 60068-2-1, IEC 60068-2-14, IEC 60068-2-14, IEC 60068-2-18, IEC/EN 60529 IPG7, MIL-STD-810H (Method 501.7, 503.7, 505.7, 509.7, 512.6, 516.8) Wireless EN 300328, EN 300440, EN 301893, EN 303413, EN 301489-1, EN 301489-17, FCC Part 15 Subpart C, RSS-247 Cybersecurity Edge security Software: Signed OS, brute force delay protection, digest authentication, password protection Hardware: Axis Edge Vault cybersecurity platform Secure element (CC EAL 6+), system-on-chip security (IEE), Axis device ID, secure keystore, signed video, secure boot, encrypted filesystem (AES-XTS-Phain64 256bit) Network security, IEEE 80.2 LX (EAP-TLS, PEAP-MSCHAPv2) ³ , IEEE 80.2 LAR, HITPS/HSTS ³ , TLS v1.2/v1.3 ³ Documentation Axis body worn cameras - system security white paper, available at axis com/learning/white-papers Axis Vulnerability Management Policy Axis Security Development Mode! AXIS Society Development Mode! AXIS Society Axis Security Development Mode! AXIS OS Software Bill of Material (SBOM) To download documents, go to axis com/support/cybersecu-	Supply chain	·	conditions		
Safety CAN/CSA C22.2 No. 62368-1 ed. 3, IEC/EN/UL 62368-1 ed. 3, EN 62311, IS 13252 Environment IEC 60068-2-1, IEC 60068-2-1, IEC 60068-2-14, IEC 60068-2-78, IEC/EN 60529 IPG7, MIL-STD-810H (Method 501.7, 503.7, 505.7, 509.7, 512.6, 516.8) Wireless EN 300328, EN 300440, EN 301893, EN 303413, EN 301489-1, EN 301489-17, FCC Part 15 Subpart C, RSS-247 Cybersecurity ETSI EN 303 645 Cybersecurity Software: Signed OS, brute force delay protection, Hardware: Axis Edge Vault cybersecurity platform Secure element (CC EAL 6-1), system-on-chip security (IEE), Axis device ID, secure keystore, signed video, secure boot, encrypted filesystem (AES-XTS-Plain64 256bit) Network security IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2) ^a , IEEE 802.1AR, 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 Security Development Model AXIS OS Software Bill of Material (SBOM) To download documents, go to axis.com/support/cybersecu-indownload documents, go to axis.com/support		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) Japan: VCCI Class B Korea: KS C 9835, KS C 9832 Class B USA: FCC Part 15 Subpart B Class B	Sharana	<4 hours in 10–30 °C (50–86 °F) <5 hours in 30–35 °C (86–95 °F) Humidity: 5–95% RH (non-condensing)	
Environment EC 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, 505.7, 509.7, 512.6, 516.8) Wireless				Temperature (> 3 months): 23 °C to 27 °C (73 °F to 81 °F) Optimal temperature: 25 °C (77 °F)	
IEC 60068-2-78, IEC/EN 60529 P67, MIL-STD-810H (Method 501.7, 503.7, 5		EN 62311, IS 13252	Dimensions	For the overall product dimensions, see the dimension drawing in this datasheet.	
Sol.7, 503.7, 505.7, 509.7, 512.6, 516.8 Wireless	Limitoninent		Weight	178 g (0.39 lb)	
Cybersecurity ETSI EN 303 645 Cybersecurity Edge security Software: Signed OS, brute force delay protection, digest authentication, password protection Hardware: Axis Edge Vault cybersecurity platform Secure element (CC EAL 6+), system-on-chip security (TEE), Axis device ID, secure keystore, signed video, secure boot, encrypted filesystem (AES-XTS-Plain64 256bit) Network security Documentation Axis body worn cameras – system security white paper, available at axis.com/learning/white-papers Axis Sulnerability Management Policy Axis Security Development Model AXIS TW1201 Body Worn Mini Cube Sensor AXIS TW1906 Battery Replacement AXIS Body Worn Assistant app for Android, iOS For more accessories, see axis.com/bodyworn Warranty The product, including the battery, is subject to a 3-year warranty period, in accordance with the terms and conditions stated in Axis 5 Year Limited Hardware Warranty Period"). In addition to the terms and conditions in the Axis 5 Year Limited Hardware Warranty, the warranty doesn't cover battern degradation if the battery has undergone more than 500 charg cycles, if the camera has been used or stored in temperatures outside the specifications in the datasheet, or if the instruction in the product's user manual haven't been followed. Replacement of the battery during the 3-year Warranty Period carried out by any other party than Axis (or an RMA partner or behalf of Axis) will void the main item's warranty. Contact Axis Support or your reseller for battery- or service-related matters.		501.7, 503.7, 505.7, 509.7, 512.6, 516.8)		Klick Fast TM System for Body worn camera mounts	
Cybersecurity Edge security Software: Signed OS, brute force delay protection, digest authentication, password protection Hardware: Axis Edge Vault cybersecurity platform Secure element (CC EAL 6+), system-on-chip security (TEE), Axis device ID, secure keystore, signed video, secure boot, encrypted filesystem (AES-XTS-Plain64 256bit) Network security Network security Documentation Documentation Axis body worn Assistant app for Android, iOS For more accessories, see axis.com/bodyworn Warranty The product, including the battery, is subject to a 3-year warranty period, in accordance with the terms and conditions stated in Axis 5 Year Limited Hardware Warranty available on axis.com/warranty ("3-year Warranty Period"). In addition to the terms and conditions in the Axis 5 Year Limited Hardware Warranty, the warranty doesn't cover battern degradation if the battery has undergone more than 500 charg cycles, if the camera has been used or stored in temperatures outside the specifications in the datasheet, or if the instruction in the product's user manual haven't been followed. Replacement of the battery during the 3-year Warranty Period". Replacement of the battery during the 3-year Warranty Period carried out by any other party than Axis (or an RMA partner or behalf of Axis) will void the main item's warranty. Contact Axis Support or your reseller for battery- or service-related matters.	Wireless		accessories	AXIS TW1201 Body Worn Mini Cube Sensor	
Edge security Software: Signed OS, brute force delay protection, digest authentication, password protection Hardware: Axis Edge Vault cybersecurity platform Secure element (CC EAL 6+), system-on-chip security (TEE), Axis device ID, secure keystore, signed video, secure boot, encrypted filesystem (AES-XTS-Plain64 256bit) Network security Network security 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/cybersecu-	Cybersecurity	ETSI EN 303 645			
authentication, password protection Hardware: Axis Edge Vault cybersecurity platform Secure element (CC EAL 6+), system-on-chip security (TEE), Axis device ID, secure keystore, signed video, secure boot, encrypted filesystem (AES-XTS-Plain64 256bit) Network security Network security 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/cybersecu-	Cybersecurity			· · · · · · · · · · · · · · · · · · ·	
Retwork security IEEE 802.1X (EAP-ILS, PEAP-MSCHAPV2)*, IEEE 802.1AR, HTTPS/HSTS*, TLS v1.2/v1.3a*		authentication, password protection Hardware: Axis Edge Vault cybersecurity platform Secure element (CC EAL 6+), system-on-chip security (TEE), Axis device ID, secure keystore, signed video, secure boot, encrypted filesystem (AES-XTS-Plain64 256bit)	Warranty	warranty period, in accordance with the terms and conditions stated in Axis 5 Year Limited Hardware Warranty available on axis.com/warranty ("3-year Warranty Period"). In addition to the terms and conditions in the Axis 5 Year Limited Hardware Warranty, the warranty doesn't cover battery	
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/cybersecu-		HTTPS/HSTSa, TLS v1.2/v1.3a		cycles, if the camera has been used or stored in temperatures outside the specifications in the datasheet, or if the instructions	
THIS COUNTY OF THE PROPERTY OF	Documentation	at axis.com/learning/white-papers Axis Vulnerability Management Policy Axis Security Development Model AXIS OS Software Bill of Material (SBOM)		in the product's user manual haven't been followed. Replacement of the battery during the 3-year Warranty Period carried out by any other party than Axis (or an RMA partner on behalf of Axis) will void the main item's warranty. Contact Axis Support or your reseller for battery- or service-related matters.	

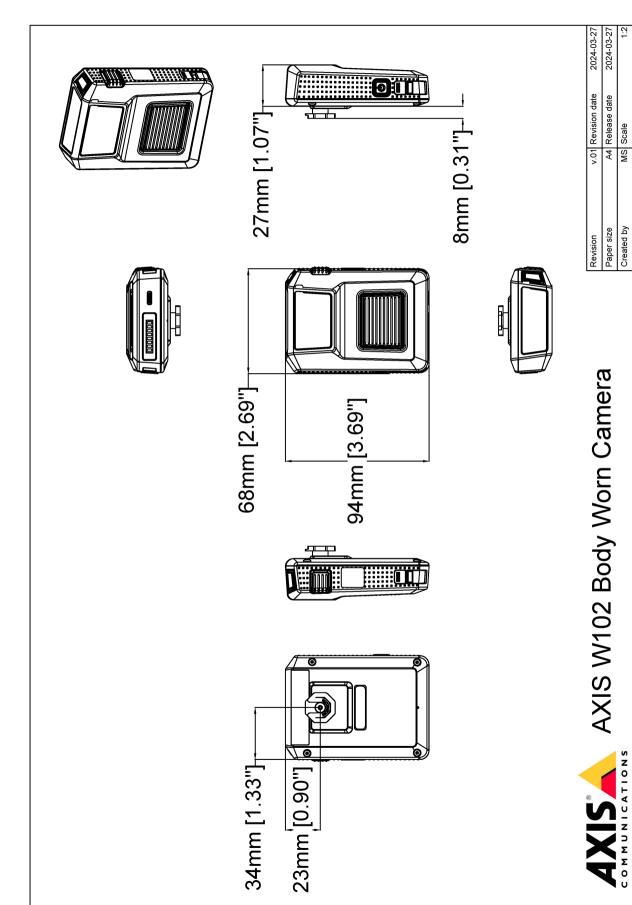
Part numbers	Available at axis.com/products/axis-w102-body-worn- camera#part-numbers
Sustainability	
Substance control	PVC free, BFR/CFR free in accordance with JEDEC/ECA Standard JS709 ROHS in accordance with EU ROHS Directive 2011/65/EU/ and EN 63000:2018 REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see echa.europa.eu
Materials	Renewable carbon-based plastic content: 70% (bio-based) Screened for conflict minerals in accordance with OECD guidelines

To read more about sustainability at Axis, go to axis.com/about-axis/sustainability

axis.com/environmental-responsibility
Axis Communications is a signatory of the UN Global Compact, read more at unglobalcompact.org Environmental responsibility

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. With prebuffer, and fewer than 500 charge cycles.
c. Without pre-buffer, and including 1 hour of recording per charge in 720p, and fewer than 500 charge cycles.

Dimension drawing



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