

# AXIS W800 System Controller

For flexible, scalable solutions

AXIS W800 System Controller is the central integration and management point of the body worn solution. The modular design of the system controller ensures a flexible and highly scalable system. A single AXIS W800 supports up to five docking stations and 40 cameras but can easily be extended with additional system controllers for larger body worn systems.

- > **High speed supervised offloading**
- > **Flexible and scalable**
- > **Single system integration point**
- > **Centralized system management**



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<b>Network</b>		<b>Sustainability</b>	
<b>Security</b>	HTTPS <sup>a</sup> encryption, IEEE 802.1x (EAP-TLS) <sup>a</sup> network access control	<b>Power</b>	PVC free 12 V DC, Typical 12.25 W, max 16 W
<b>Network protocols</b>	IPv4, IPv6, USGv6, HTTPS <sup>a</sup> , TLS <sup>a</sup> , Bonjour, DNS, NTP, NTS, SRTP/RTSPS, TCP, UDP, ICMP, DHCP, ARP	<b>Connectors</b>	1 x (uplink) Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T 5 x (device network) Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T USB 2.0 DC connector for 12 V DC input
<b>Throughput</b>	Camera to system controller: 100 Mbit/s (per camera) System controller to content destination: 1 Gbit/s	<b>Storage</b>	480 GB SSD
<b>System integration</b>		<b>Operating conditions</b>	0 °C to 40 °C (32 °F to 104 °F) Humidity 10–85% RH (non-condensing)
<b>Application Programming Interface</b>	Body Worn Integration API	<b>Storage conditions</b>	–40 °C to 65 °C (–40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
<b>Content destinations</b>	<b>Evidence management systems</b> Third party evidence management software from Axis Application Development Partners <b>Video management systems</b> AXIS Camera Station, and other third party video management software from Axis Application Development Partners available at <a href="https://axis.com/vms">axis.com/vms</a>	<b>Approvals</b>	<b>EMC</b> EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35 <b>Safety</b> IEC/EN/UL 62368-1, IS 13252 <b>Environment</b> IEC 60068-2-1, IEC 60068-2-14, IEC 60068-2-2, IEC 60068-2-27, IEC 60068-2-6, IEC 60068-2-78, IEC/EN 60529 IP3X <b>Network</b> NIST SP500-267
<b>Cybersecurity</b>		<b>Dimensions</b>	<b>AXIS W800 System Controller</b> Height: 53 mm (2.1 in) Width: 180 mm (7.1 in) Length: 180 mm (7.1 in) <b>Mounting bracket</b> Height: 57 mm (2.2 in) Width: 185 mm (7.3 in) Length: 198 mm (7.8 in)
<b>Edge security</b>	<b>Software:</b> Signed firmware, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection, AES-XTS-Plain64 256bit SD card encryption <b>Hardware:</b> Axis Edge Vault cybersecurity platform TPM 2.0 (CC EAL4+, FIPS 140-2 Level 2), secure keystore, secure boot	<b>Weight</b>	<b>AXIS W800 System Controller</b> 765 g (1.7 lb) <b>Mounting bracket</b> 408 g (0.90 lb)
<b>Network security</b>	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2) <sup>a</sup> , IEEE 802.1AR, HTTPS/HSTS <sup>a</sup> , TLS v1.2/v1.3 <sup>a</sup> , Network Time Security (NTS), X.509 Certificate PKI, IP address filtering	<b>Included accessories</b>	Mounting bracket
<b>Documentation</b>	<i>AXIS OS Hardening Guide</i> <i>Axis Vulnerability Management Policy</i> <i>Axis Security Development Model</i> AXIS OS Software Bill of Material (SBOM) To download documents, go to <a href="https://axis.com/support/cybersecurity/resources">axis.com/support/cybersecurity/resources</a> To read more about Axis cybersecurity support, go to <a href="https://axis.com/cybersecurity">axis.com/cybersecurity</a>	<b>Optional accessories</b>	AXIS TW8100 Rack Mount External Secured RFID Card Reader 125kHz + 13.56MHz with NFC (USB)
<b>General</b>		<b>Languages</b>	English, German, French, Spanish, Italian
<b>Cybersecurity</b>	Signed firmware, secure boot, protection of cryptographic keys with FIPS 140-2 certified TPM 2.0 module, CJIS compliant encrypted SSD (AES256) AES256 encryption standard, end to end encryption of content <sup>b</sup> Compliant with Security of Connected Devices; User is required to set password at first time use	<b>Warranty</b>	5-year warranty, see <a href="https://axis.com/warranty">axis.com/warranty</a>
<b>Casing</b>	IP3X-rated Aluminum and plastic casing Color: black NCS S 9000-N	<p>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).</p> <p>b. With selected content destinations</p>	
<b>Mounting</b>	Mounting bracket		