

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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Network		Manage multiple systems through AXIS Body Worn Manager Pro.
Security	HTTPS ^a encryption, IEEE 802.1x (EAP-TLS) ^b network access control	General
Network protocols	IPv4, IPv6 USGv6, HTTPS ^c , TLS ^d , Bonjour, DNS, NTP, NTS, SRTP/RTSPS, TCP, UDP, ICMP, DHCP, ARP	Casing
Throughput	Camera to system controller: 100 Mbit/s (per camera) System controller to content destination: 1 Gbit/s	IP3X-rated Aluminum and plastic casing Color: black NCS S 9000-N
System integration		Mounting
Application Programming Interface	Body Worn Integration API	Mounting bracket
Content destinations	Evidence management systems Third party evidence management software from Axis Application Development Partners Video management systems AXIS Camera Station, and other third party video management software from Axis Application Development Partners available at axis.com/vms	Sustainability
Approvals		PVC free
EMC	EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2 Australia/New Zealand: RCM AS/NZS CISPR 32 Class A Canada: ICES-3(A)/NMB-3(A) Japan: VCCI Class A Korea: KC KN32 Class A, KC KN35 USA: FCC Part 15 Subpart B Class A	Power
Safety	IEC/EN/UL 62368-1, IS 13252	12 V DC, Typical 12.25 W, max 16 W
Environment	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	Connectors
Network	NIST SP500-267	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
Cybersecurity	ETSI EN 303 645, BSI IT Security Label, FIPS 140	Storage
Cybersecurity		480 GB SSD
Edge security	Software: Signed OS, 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 Hardware: Axis Edge Vault cybersecurity platform TPM 2.0 (CC EAL4+, FIPS 140-2 Level 2), system-on-chip security (TEE), secure keystore, secure boot, encrypted filesystem (AES-XTS-Plain 256bit)	Operating conditions
Network security	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2) ^e , IEEE 802.1AR, HTTPS/HSTS ^f , TLS v1.2/v1.3 ^g , Network Time Security (NTS), X.509 Certificate PKI, host-based firewall	0 °C to 40 °C (32 °F to 104 °F) Humidity 10–85% RH (non-condensing)
Documentation	<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 axis.com/support/cybersecurity/resources To read more about Axis cybersecurity support, go to axis.com/cybersecurity	Storage conditions
System		-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
System size	Up to 40 cameras per system controller. Up to 1000 cameras per system.	Dimensions
		AXIS W800 System Controller Height: 53 mm (2.1 in) Width: 180 mm (7.1 in) Length: 180 mm (7.1 in) Mounting bracket Height: 57 mm (2.2 in) Width: 185 mm (7.3 in) Length: 198 mm (7.8 in)
		Weight
		AXIS W800 System Controller 765 g (1.7 lb) Mounting bracket 408 g (0.90 lb)
		Included accessories
		Mounting bracket
		Optional accessories
		AXIS TW8100 Rack Mount External Secured RFID Card Reader 125kHz + 13.56MHz with NFC (USB)
		Languages
		English, German, French, Spanish, Italian
		Warranty
		5-year warranty, see axis.com/warranty

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