

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**



AXIS W800 System Controller

Network		Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Security	Password protection, HTTPS ^a encryption, IEEE 802.1x (EAP-TLS) ^a network access control, digest authentication, brute force delay protection	Approvals	EMC 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
Supported protocols	IPv4, IPv6 USGv6, HTTPS ^a , TLS ^a , Bonjour, DNS, NTP, TCP, UDP, ICMP, DHCP, ARP	Safety	IEC/EN/UL 62368-1
Throughput	Camera to system controller: 100 Mbit/s (per camera) System controller to content destination: 1 Gbit/s	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
System integration		Network	NIST SP500-267
Application Programming Interface	Body Worn Integration API	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)
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	Weight	AXIS W800 System Controller 765 g (1.7 lb) Mounting bracket 408 g (0.90 lb)
General		Included accessories	Mounting bracket
Cybersecurity	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 ^b Compliant with Security of Connected Devices; User is required to set password at first time use	Optional accessories	AXIS TW8100 Rack Mount External Secured RFID Card Reader 125kHz + 13.56MHz with NFC (USB)
Casing	IP3X-rated Aluminum and plastic casing Color: black NCS S 9000-N	Languages	English, German, French, Spanish, Italian
Mounting	Mounting bracket	Warranty	3-year warranty, see axis.com/warranty
Sustainability	PVC free	<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 (ey@cryptsoft.com).</p> <p>b. With selected content destinations</p> <p>Environmental responsibility: axis.com/environmental-responsibility</p>	
Power	12 V DC, Typical 12.25 W, max 16 W		
Connectors	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		
Storage	480 GB SSD		
Operating conditions	0 °C to 40 °C (32 °F to 104 °F) Humidity 10–85% RH (non-condensing)		