AXIS
COMMUNICATIONS

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

Security	Password protection, HTTPS[a] network access control, digest authentication, brute force delay protection
Supported protocols	IPv4, IPv6 USGv6, HTTPS[a], Bonjour, DNS, NTP, TCP, UDP, ICMP, DHCP, ARP
Throughput	Camera to system controller: 100 Mbit/s (per camera) System controller to content destination: 1 Gbit/s

System integration

Application Programming Interface	Body Worn Integration API
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*

General

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
Casing	IP3X-rated Aluminum and plastic casing Color: black NCS S 9000-N
Mounting	Mounting bracket
Sustainability	PVC free
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-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)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
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 **Safety** IEC/EN/UL 62368-1 **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 **Network** NIST SP500-267
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
Languages	English, German, French, Spanish, Italian
Warranty	3-year warranty, see *axis.com/warranty*

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 selected content destinations*

Environmental responsibility:

axis.com/environmental-responsibility

AXIS ®
COMMUNICATIONS