

# 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

<b>Network</b>		<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
<b>Security</b>	Password protection, HTTPS <sup>a</sup> encryption, IEEE 802.1x (EAP-TLS) <sup>a</sup> network access control, digest authentication, brute force delay protection	<b>Approvals</b>	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
<b>Network protocols</b>	IPv4, IPv6 USGv6, HTTPS <sup>a</sup> , TLS <sup>a</sup> , Bonjour, DNS, NTP, NTS, TCP, UDP, ICMP, DHCP, ARP	<b>Safety</b>	IEC/EN/UL 62368-1, IS 13252
<b>Throughput</b>	Camera to system controller: 100 Mbit/s (per camera) System controller to content destination: 1 Gbit/s	<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>System integration</b>		<b>Network</b>	NIST SP500-267
<b>Application Programming Interface</b>	Body Worn Integration API	<b>Dimensions</b>	AXIS W800 System Controller 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>Content destinations</b>	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 <a href="http://axis.com/vms">axis.com/vms</a>	<b>Weight</b>	AXIS W800 System Controller 765 g (1.7 lb) <b>Mounting bracket</b> 408 g (0.90 lb)
<b>General</b>		<b>Included accessories</b>	Mounting bracket
<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>Optional accessories</b>	AXIS TW8100 Rack Mount External Secured RFID Card Reader 125kHz + 13.56MHz with NFC (USB)
<b>Casing</b>	IP3X-rated Aluminum and plastic casing Color: black NCS S 9000-N	<b>Languages</b>	English, German, French, Spanish, Italian
<b>Mounting</b>	Mounting bracket	<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>
<b>Sustainability</b>	PVC free	<p>a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<a href="http://openssl.org">openssl.org</a>), and cryptographic software written by Eric Young (<a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a>).</p> <p>b. With selected content destinations</p>	
<b>Power</b>	12 V DC, Typical 12.25 W, max 16 W	Environmental responsibility: <a href="http://axis.com/environmental-responsibility">axis.com/environmental-responsibility</a>	
<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>Storage</b>	480 GB SSD		
<b>Operating conditions</b>	0 °C to 40 °C (32 °F to 104 °F) Humidity 10–85% RH (non-condensing)		