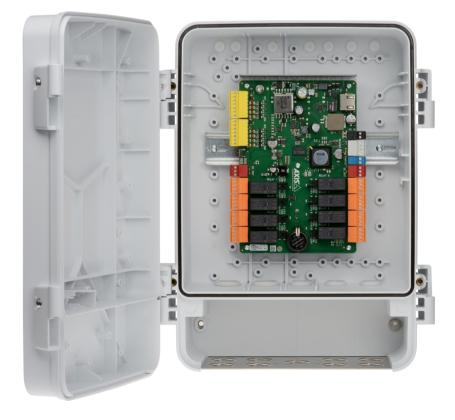# AXIS A9188-VE Network I/O Relay Module
Intelligent module with supervised inputs

AXIS A9188-VE Network I/O Relay Module comes with AXIS T98A15-VE Surveillance Cabinet making it outdoor-ready, vandal-resistant, and UL294-approved. With its 8 configurable I/Os and relays, the module is optimized for floor access management. Its open platform enables a high level of integration with AXIS A1001 Network Door Controller and other facility systems. It also works standalone. AXIS A9188-VE reacts on inputs, such as signals from PIR motion detectors or switches, to trigger actions. Supplying power to I/O devices, it can extend the functionality of Axis products where additional I/Os or relays are needed.

> 8 I/Os with supervised inputs and 8 form C relays

> UL294-approved with cabinet AXIS T98A15-VE Surveillance Cabinet

> 12 and 24 V DC output/input or PoE+

> Open API, support for VAPIX, ACAP

> Used with AXIS Camera station or third-party software

AXIS A9188-VE Network I/O Relay Module

I/O interface	
Digital I/O	8x I/O, configurable as input, supervised input with analog read-out or output (Digital input: 0 to max 40 V DC, possible to supervise between 0-12 V (4 states), Digital output: 0 to max 40 V DC, Open drain, max 100 mA)
Relays	8x Form C relays, NO/NC contacts, max 1 A, 48 V DC, (max 30 V DC outdoors)

Network	
Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X network access control, digest authentication
Supported protocols	IPv4, IPv6, HTTP, HTTPS[a], TLS[a], QoS layer 3 DiffServ, FTP, SFTP, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS

System integration	
Application Programming Interface	Open API for software integration, including VAPIX®, specifications at *axis.com*

Events & alarms	
Tamper detection	Dedicated tamper input for external tamper contact(s)
Event history	30 000 First In, First Out (FIFO)
Event actions	Notification via email, HTTP, HTTPS and TCP, external output port Status LED
Event triggers	Tamper detection, network lost, configuration, event logger, hardware, input signal, schedule, system, time, supervised inputs (4 states), relays and outputs, heartbeat lost

General	
Sustainability	PVC free
Software	Configuration and basic management through Internet Explorer®, Firefox®, Chrome™, or Safari®
Memory	256 MB RAM, 256 MB Flash

Power	**Power in:** 8–28 V DC, max 26 W or Power over Ethernet IEEE 802.3af Type 1 Class 3 or IEEE 802.3at Type 2 Class 4 **Power out:** 12 V DC and 24 V DC Max power out shared between 12 V and 24 V outputs: PoE Class 3: 3.6 W PoE Class 4/DC input: 12 W
Connectors	1x RJ45 10BASE-T/100BASE-TX terminal blocks: 1x DC IN, 2x DC out, 8x Inputs/Outputs, 8x relays, 1x tamper, 1x RS485 (for future use), cable size for connectors: CSA: AWG 28–16, CUL/UL: AWG 30–14
Operating conditions	-30 °C to 55 °C (-22 °F to 131 °F)[b] Humidity 20–85% RH (non-condensing)
Approvals	EN 55022 Class B, EN 50130-4, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, C-tick AS/NZS CISPR22 Class B, VCCI Class B, IEC/EN/UL 60950-1, UL 294, UL 2043, EN 50581
Dimensions	361 x 282 x 131 mm (14.2 x 11.1 x 5.2 in)
Weight	5000 g (11.0 lb)
Included accessories	Connector kit, jumper kit, TORX® Key TR20, Installation guide
Optional accessories	AXIS T8133 Midspan 30 W, AXIS T8129 PoE Extender Power supply AXIS T8007 PS24
Languages	English, French, Italian, German, Spanish
Warranty	5-year warranty, see *axis.com/warranty*

a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/), and cryptographic software written by Eric Young (eay@cryptsoft.com).*
b. *Outdoor installation requires AXIS T98A15-VE Surveillance Cabinet*

Environmental responsibility:

axis.com/environmental-responsibility

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