

AXIS D4100-E Network Strobe Siren

Deterrence, safety, operational efficiency

AXIS D4100-E is a fully networked strobe siren for numerous applications. Through VAPIX[®], MQTT or SIP, it connects to any Axis device, Axis VMS, or to third-party VMS to signal and alarm using strobe lighting and siren alarms. For instance, it's ideal for perimeter protection with AXIS Perimeter Defender, or for improved parking entrance management with a license plate recognition (LPR) camera. Including various sound clips and white/RGBA light patterns, it can be set up with profiles to trigger different responses. Powered with PoE, this robust, IP66-, NEMA-4X- and IK10-rated device comes with first-class quality, support, and a 5-year warranty.

- > [Light and sound in one IP-based device](#)
- > [Profiles with different priority levels](#)
- > [VAPIX, MQTT and SIP integration](#)
- > [IP66, IK10, NEMA-4X rated casing](#)
- > [5-year warranty](#)



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Light		Network security	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2) ^a , IEEE 802.1AR, HTTPS/HSTS ^a , TLS v1.2/v1.3 ^a , Network Time Security (NTS), X.509 Certificate PKI, host-based firewall
Illumination LED	Red, blue, green, amber (RGBA) LEDs White LEDs, max 893 lm (PoE Class 4)/220 lm (PoE Class 3)	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
Siren		General	
Max sound pressure level	>110 dB, 1 m at 3.4 kHz	Casing	IP66-, NEMA 4X- and IK10-rated Aluminum and plastic casing Color: white NCS S 1002-B
Coverage pattern	150 degree coaxial at 2 kHz	Mounting	Mounting bracket with junction box holes (double-gang, single-gang, and 4" octagon) For wall and ceiling mount: ¼"-20 UNC tripod screw thread ½" conduit fitting with optional accessory
Network		Sustainability	PVC free
Security	IP address filtering, HTTPS ^a encryption, IEEE 802.1x (EAP-TLS) ^a network access control, user access log, centralized certificate management, signed video, Axis Edge Vault, Axis device ID, secure keystore (CC EAL4 certified)	Memory	256 MB RAM, 512 MB Flash
Network protocols	IPv4, IPv6, USGv6, ICMPv4/ICMPv6, HTTP, HTTPS ^a , HTTP/2, TLS ^a , SMTP, mDNS (Bonjour), UPnP [®] , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, DHCPv4/v6, SSH, SIP, LLDP, CDP, MQTT, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)	Power	Power over Ethernet (PoE) IEEE 802.3at Type 2 Class 4, max 25.5 W, typical 1.3 W Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 ^b , max 12.95 W, typical 1.3 W
System integration		Connectors	Shielded RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin 2.5 mm terminal block (2 configurable inputs and outputs)
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com One-click cloud connection Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX.	Operating conditions	-40 °C to 60 °C (-40 °F to 140 °F) Start-up temperature: -40 °C (-40 °F) Humidity 10–100% RH (condensing)
Event conditions	I/O: virtual input, manual trigger, digital input Light and siren: health check status Device status: operating temperature, system ready, network lost, new IP address, IP address removed MQTT: stateful, stateless Call: state change, state MQTT subscribe Scheduled and recurring: schedule	Storage conditions	-40 °C to 70 °C (-40 °F to 158 °F) Humidity 5–95% RH (non-condensing)
Event actions	SNMP trap message Light and siren: profiles, health check Status LED Notification: email, HTTP, HTTPS, TCP I/O: toggle MQTT Calls: SIP calls MQTT publish	Dimensions	Height: 66 mm (2.6 in) ø 170 mm (6.7 in)
Data streaming	Event data	Weight	1000 g (2.2 lb)
Approvals		Included accessories	Installation guide, Resistor [®] TR20 bit, terminal block connector, cable gaskets, connector guard
EMC	CISPR 32 Class A, EN 50121-4, EN 55032 Class A, EN 55035, EN 50130-4, EN 61000-6-1, EN 61000-6-2, IEC 62236-4 Australia/New Zealand: RCM AS/NZS CISPR 32 Class A Canada: ICES-3(A)/NMB-3(A) Japan: VCCI Class A Korea: KS C 9832 Class A, KS C 9835 USA: FCC Part 15 Subpart B Class A	Optional accessories	D4100-E specific accessories TD4601 ACI Conduit Bracket, TD4801 Sunshield Other compatible accessories AXIS T8415 Wireless Installation Tool, T94K01D Pendant Kit, T94N01D Pendant Kit, T91B47 Pole Mount, T94R01B Corner Bracket, T91A64 Corner Bracket, T94V01C Dual Camera Mount, T91A33 Lighting Track Mount, T91A23 Tile Grid Ceiling Mount, T91A04 Camera Holder ¾" NPS, ACI Conduit Adapter 1/2"-3/4" NPS (together with TD4601 ACI Conduit Bracket), ACI Conduit Adapter 1/2" U-Shaped 20 mm (together with TD4601 ACI Conduit Bracket), T94S01P Conduit Back Box, AXIS Dome Intrusion Switch C For more accessories, see axis.com
Safety	CAN/CSA-C22.2 No. 60950-22, CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC 62471	Video management software	AXIS Companion, AXIS Camera Station, AXIS Device Manager, video management software from Axis Application Development Partners available at axis.com/vms
Environment	IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66, IEC/EN 62262 IK10, NEMA 250 Type 4X, MIL-STD-810H (Method 501.7, 502.7, 506.6, 507.6)	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
Network	NIST SP500-267	Warranty	5-year warranty, see axis.com/warranty
Cybersecurity	ETSI EN 303 645		
Cybersecurity			
Edge security	Software: Signed firmware, 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 Secure element (CC EAL 6+), Axis device ID, secure keystore, signed video, secure boot		

- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (opendss.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).
b. With reduced light brightness