

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](#)



AXIS D4100-E Network Strobe Siren

Light		I/O: 4-pin 2.5 mm terminal block (2 configurable inputs and outputs)
Illumination LED	Red, blue, green, amber (RGBA) LEDs White LEDs, max 893 lm (PoE Class 4)/220 lm (PoE Class 3)	Operating conditions
Siren		-40 °C to 60 °C (-40 °F to 140 °F) Start-up temperature: -40 °C (-40 °F) Humidity 10–100% RH (condensing)
Max sound pressure level	>110 dB, 1 m at 3.4 kHz	Storage conditions
Coverage pattern	150 degree coaxial at 2 kHz	-40 °C to 70 °C (-40 °F to 158 °F) Humidity 5–95% RH (non-condensing)
Network		Approvals
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1x (EAP-TLS) ^a network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, signed video, Axis Edge Vault, Axis device ID, secure keystore (CC EAL4 certified)	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, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), IEC 62236-4, KS C 9832 Class A, KS C 9835, RCM AS/NZS CISPR 32 Class A, VCCI Class A
Supported 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, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, DHCPv4/v6, SOCKS, SSH, SIP, LLDP, CDP, MQTT, Syslog, Link-Local address (ZeroConf)	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
System integration		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)
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.	Network NIST SP500-267
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	Dimensions
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	Height: 66 mm (2.6 in) ø 170 mm (6.7 in)
Data streaming	Event data	Weight
General		1000 g (2.2 lb)
Casing	IP66-, NEMA 4X- and IK10-rated Aluminum and plastic casing Color: white NCS S 1002-B	Included accessories
Mounting	Mounting bracket with junction box holes (double-gang, single-gang, and 4" octagon) For wall and ceiling mount: 1/4"-20 UNC tripod screw thread 1/2" conduit fitting with optional accessory	Installation guide, Resistor [®] TR20 bit, terminal block connector, cable gaskets, connector guard
Sustainability	PVC free	Optional accessories
Memory	256 MB RAM, 512 MB Flash	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 3/4" 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
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	Video management software
Connectors	Shielded RJ45 10BASE-T/100BASE-TX PoE	AXIS Companion, AXIS Camera Station, AXIS Device Manager, video management software from Axis Application Development Partners available at axis.com/vms
		Languages
		English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese
		Warranty
		5-year warranty, see axis.com/warranty

- 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).
- With reduced light brightness

Environmental responsibility:

axis.com/environmental-responsibility