

# AXIS D4100-E Network Strobe Siren

## Deterrence, safety, operational efficiency

AXIS D4100-E is a fully networked strobe siren for numerous applications. Through VAPIX<sup>®</sup>, 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

|                                   |   |  |   |
|-----------------------------------|---|--|---|
| <b>Light</b>                      |   |  |   |
| Illumination LED                  | Red, blue, green, amber (RGBA) LEDs<br>White LEDs, max 893 lm (PoE Class 4)/220 lm (PoE Class 3)  | Mounting   | Mounting bracket with junction box holes (double-gang, single-gang, and 4" octagon)<br>For wall and ceiling mount: ¼"-20 UNC tripod screw thread<br>½" conduit fitting with optional accessory  |
| <b>Siren</b>                      |   | Sustainability   | PVC free  |
| Max sound pressure level          | >110 dB, 1 m at 3.4 kHz   | Memory   | 256 MB RAM, 512 MB Flash  |
| Coverage pattern                  | 150 degree coaxial at 2 kHz   | Power  | Power over Ethernet (PoE) IEEE 802.3at Type 2 Class 4, max 25.5 W, typical 1.3 W<br>Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 <sup>b</sup> , max 12.95 W, typical 1.3 W   |
| <b>Network</b>                    |   | Connectors   | Shielded RJ45 10BASE-T/100BASE-TX PoE<br>I/O: 4-pin 2.5 mm terminal block (2 configurable inputs and outputs)   |
| Security                          | IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1x (EAP-TLS) <sup>a</sup> network access control, user access log, centralized certificate management, signed video, Axis Edge Vault, Axis device ID, secure keystore (CC EAL4 certified)   | Operating conditions   | -40 °C to 60 °C (-40 °F to 140 °F)<br>Start-up temperature: -40 °C (-40 °F)<br>Humidity 10–100% RH (condensing)   |
| Network protocols                 | IPv4, IPv6, USGv6, ICMPv4/ICMPv6, HTTP, HTTPS <sup>a</sup> , HTTP/2, TLS <sup>a</sup> , SMTP, mDNS (Bonjour), UPnP <sup>®</sup> , 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)  | Storage conditions   | -40 °C to 70 °C (-40 °F to 158 °F)<br>Humidity 5–95% RH (non-condensing)  |
| <b>System integration</b>         |   | Approvals  | <b>EMC</b><br>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<br><b>Safety</b><br>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<br><b>Environment</b><br>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)<br><b>Network</b><br>NIST SP500-267  |
| Application Programming Interface | Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a><br>One-click cloud connection<br>Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX.   | Dimensions   | Height: 66 mm (2.6 in)<br>ø 170 mm (6.7 in)   |
| Event conditions                  | I/O: virtual input, manual trigger, digital input<br>Light and siren: health check status<br>Device status: operating temperature, system ready, network lost, new IP address, IP address removed<br>MQTT: stateful, stateless<br>Call: state change, state<br>MQTT subscribe<br>Scheduled and recurring: schedule  | Weight   | 1000 g (2.2 lb)   |
| Event actions                     | SNMP trap message<br>Light and siren: profiles, health check<br>Status LED<br>Notification: email, HTTP, HTTPS, TCP<br>I/O: toggle<br>MQTT<br>Calls: SIP calls<br>MQTT publish  | Included accessories   | Installation guide, Resistor <sup>®</sup> TR20 bit, terminal block connector, cable gaskets, connector guard  |
| Data streaming                    | Event data  | Optional accessories   | <b>D4100-E specific accessories</b><br>TD4601 ACI Conduit Bracket, TD4801 Sunshield<br><b>Other compatible accessories</b><br>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<br>For more accessories, see <a href="http://axis.com">axis.com</a> |
| <b>Cybersecurity</b>              |   | Video management software  | AXIS Companion, AXIS Camera Station, AXIS Device Manager, video management software from Axis Application Development Partners available at <a href="http://axis.com/vms">axis.com/vms</a>  |
| Edge security                     | <b>Software:</b> Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption<br><b>Hardware:</b> Secure boot, Axis Edge Vault with Axis device ID, signed video, secure keystore (CC EAL4+ certified hardware protection of cryptographic operations and keys)   | Languages  | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese   |
| Network security                  | IEEE 802.1X (EAP-TLS) <sup>a</sup> , IEEE 802.1AR, HTTPS/HSTS <sup>a</sup> , TLS v1.2/v1.3 <sup>a</sup> , Network Time Security (NTS), X.509 Certificate PKI, IP address filtering  | Warranty   | 5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>   |
| Documentation                     | <i>AXIS OS Hardening Guide</i><br><i>Axis Vulnerability Management Policy</i><br><i>Axis Security Development Model</i><br>AXIS OS Software Bill of Material (SBOM)<br>To download documents, go to <a href="http://axis.com/support/cybersecurity/resources">axis.com/support/cybersecurity/resources</a><br>To read more about Axis cybersecurity support, go to <a href="http://axis.com/cybersecurity">axis.com/cybersecurity</a> | <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:eyay@cryptsoft.com">eyay@cryptsoft.com</a>).</p> <p>b. With reduced light brightness</p> |   |
| <b>General</b>                    |   |  |   |
| Casing                            | IP66-, NEMA 4X- and IK10-rated<br>Aluminum and plastic casing<br>Color: white NCS S 1002-B  |  |   |