# CYBERSECURITY ASSURANCE PROGRAM CERTIFICATE

**Certificate**
ULCAP_1051

**Issue date**
2026-04-29

**Revision date**
2026-04-29

**Expiration date**
2027-04-29

**Test Report Number**
4792124647

This is to acknowledge that

## AXIS COMMUNICATIONS AB

GRANDEN 1
LUND, 223 69, Sweden

has had

## AXIS products supporting AXIS OS 11 and 12

Software Version: AXIS OS 11 (11.11.198) and AXIS OS 12 (12.8.54)
Hardware Version: N/A

evaluated and meets the requirements of the standard

## ETSI EN 303 645:2024

Cyber Security for Consumer Internet of Things:
Baseline Requirements V3.1.3 (2024-09)

Conditional Flags: 12, 14, 15, 16

Features, capabilities and/or mechanisms:
a, b, c, d, e, f, g, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z, aa

Program owner:
Dean Zwarts

Dean Zwarts, Senior Business Manager

This is to certify that representative sample(s) of the Product described herein have been investigated and as of the date of testing, found in compliance with the Standard(s) indicated on this Certificate. UL Solutions does not provide any representation or guarantee that all security vulnerabilities or weaknesses will be found or that the product will not be vulnerable, susceptible to exploitation, or eventually breached. The designated Certificate Holder is entitled to market the Product in accordance with the Service Agreement and Cybersecurity Assurance Program Service Terms. This Certificate shall remain valid until the indicated Expiration Date unless terminated earlier in accordance with the Service Agreement or if the referenced Standard is amended or withdrawn. This Certificate in and of itself

© 2026 UL LLC. All rights reserved.



333 Pfingsten Road
Northbrook, IL, 60062, USA
www.ul.com

does not authorize the Certificate Holder to use any UL Solutions trademarks on the Certified Product. UL Solutions trademarks may only be used if the Certified Product is also covered under the applicable UL Solutions mark program(s).

## Conditions of Certificate

The following conditions must be met for the product to continue to be in compliance with this certificate:

1. The scope of the certification is applicable to the Axis products supporting AXIS OS 11 (11.11.198) or AXIS OS 12 (12.8.54) listed in the tables below.

## Mandatory and Recommended Provisions

| Provisions number and title | |
|---|---|
| **Reference** | **Verdict** |
| **5.0 Reporting implementation** | |
| Provision 5.0-1 M | Pass |
| **5.1 No universal default passwords** | |
| Provision 5.1-1 M F (a) | Pass |
| Provision 5.1-2 M F (b) | Pass |
| Provision 5.1-2A R | Pass |
| Provision 5.1-3 M F (c) | Pass |
| Provision 5.1-4 M F (d) | Pass |
| Provision 5.1-5 M C F (14, e) | Pass |
| **5.2 Implement a means to manage reports of vulnerabilities** | |
| Provision 5.2-1 M | Pass |
| Provision 5.2-2 R | Pass |
| Provision 5.2-3 R | Pass |
| **5.3 Keep software updated** | |
| Provision 5.3-1 R F (f) | Pass |
| Provision 5.3-2 M C (15) | Pass |
| Provision 5.3-3 M F (g) | Pass |
| Provision 5.3-4A R F (g) | Pass |
| Provision 5.3-4B R F (h) | Pass |
| Provision 5.3-5 R F (g) | Pass |
| Provision 5.3-6A R F (h) | N/A |
| Provision 5.3-6B R F (i) | N/A |
| Provision 5.3-7 M F (g) | Pass |
| Provision 5.3-8 M C (12) | Pass |
| Provision 5.3-9 R F (g) | Pass |
| Provision 5.3-10 M F (j) | Pass |
| Provision 5.3-11 R C (12) | Pass |
| Provision 5.3-12 R C (12) | Pass |
| Provision 5.3-13 M | Pass |
| Provision 5.3-14 R C (3) | N/A |
| Provision 5.3-15A R C (3) | N/A |
| Provision 5.3-15B R C (3) | N/A |
| Provision 5.3-16 M | Pass |
| **5.4 Securely store sensitive security parameters** | |
| Provision 5.4-1 M F (k) | Pass |
| Provision 5.4-2 M F (l) | Pass |
| Provision 5.4-3 M | Pass |
| Provision 5.4-4 M F (m) | Pass |
| **5.5 Communicate securely** | |
| Provision 5.5-1 M | Pass |
| Provision 5.5-2 R | Pass |
| Provision 5.5-3 R | Pass |



© 2026 UL LLC. All rights reserved.

333 Pfingsten Road
Northbrook, IL, 60062, USA
www.ul.com

| Provisions number and title | |
|---|---|
| **Reference** | **Verdict** |
| Provision 5.5-4 R | Pass |
| Provision 5.5-5 M F (n) | Pass |
| Provision 5.5-6 R F (o) | Pass |
| Provision 5.5-7 M F (o) | Pass |
| Provision 5.5-8 M C (16) | Pass |
| **5.6 Minimize exposed attack surfaces** | |
| Provision 5.6-1 M F (p) | Pass |
| Provision 5.6-2 M | Pass |
| Provision 5.6-3 R | Pass |
| Provision 5.6-4A M F (q) | Pass |
| Provision 5.6-4B R F (r) | Pass |
| Provision 5.6-5 R | Pass |
| Provision 5.6-6 R | Pass |
| Provision 5.6-7 R | Pass |
| Provision 5.6-8 R | Pass |
| Provision 5.6-9 R | Pass |
| **5.7 Ensure software integrity** | |
| Provision 5.7-1 R | Pass |
| Provision 5.7-2 R F (s) | Pass |
| **5.8 Ensure that personal data is secure** | |
| Provision 5.8-1 R F (t) | Pass |
| Provision 5.8-2 M F (u) | Pass |
| Provision 5.8-3 M F (v) | Pass |
| **5.9 Make systems resilient to outages** | |
| Provision 5.9-1 R | Pass |
| Provision 5.9-2 R | Pass |
| Provision 5.9-3 R | Pass |
| **5.10 Examine system telemetry data** | |
| Provision 5.10-1 R F (w) | Pass |
| **5.11 Make it easy for users to delete user data** | |
| Provision 5.11-1 M | Pass |
| Provision 5.11-2 R F (x) | Pass |
| Provision 5.11-3 R | Pass |
| Provision 5.11-4 R | Pass |
| **5.12 Make installation and maintenance of devices easy** | |
| Provision 5.12-1 R | Pass |
| Provision 5.12-2 R | Pass |
| Provision 5.12-3 R | Pass |
| **5.13 Validate input data** | |
| Provision 5.13-1A M | Pass |
| Provision 5.13-1B M | Pass |
| **6 Data protection provisions for consumer IoT** | |
| Provision 6.1 M | Pass |
| Provision 6.2 M F (y) | Pass |
| Provision 6.3A M F (y) | Pass |
| Provision 6.3B M F (y) | Pass |
| Provision 6.4 R F (w) | Pass |
| Provision 6.5 M F (w) | Pass |
| Provision 6.6 M F (z) | Pass |
| Provision 6.7 R F (aa) | Pass |
| Provision 6.8 R F (z) | N/A |

**Conditions**
12) an update mechanism is implemented;
14) the consumer IoT device has no resource constraint determined by the use case that prevents the implementation of a mechanism which makes successful brute-force attacks on authentication mechanisms via network interfaces impracticable;
15) the consumer IoT device has no resource constraint determined by the use case that prevents the



© 2026 UL LLC. All rights reserved.

333 Pfingsten Road
Northbrook, IL, 60062, USA
www.ul.com

implementation of an update mechanism;
16) existence of critical security parameters that relate to the consumer IoT device;

Feature, capability or mechanism that needs to be present for the corresponding provision to apply:
a) passwords can be used to authenticate users against the device or for machine-to-machine authentication;
b) pre-installed unique per device passwords can be used to authenticate users against the device or for machine-to-machine authentication;
c) cryptographic authentication mechanisms, including password based mechanisms, can be used to authenticate users against the consumer IoT device or for machine-to-machine authentication;
d) authentication mechanisms can be used to authenticate users against the consumer IoT device;
e) authentication mechanisms can be used for authenticating users or devices via network interfaces;
f) software components that are not immutable due to security reasons;
g) software components of the device can be updated;
j) software updates can be delivered over a network interface;
k) sensitive security parameters exist in persistent storage;
l) hard-coded unique per device identities are used in the consumer IoT device for security purposes;
m) critical security parameters are used for integrity or authenticity checks of software updates or for protection of communication with associated services;
n) the consumer IoT device allows security-relevant changes in configuration via a network interface;
o) critical security parameters used by the device can be communicated outside of the device;
p) unused network or network accessible logical interfaces exist;
q) debug interfaces exist on the device;
r) debug interfaces that are physical ports exist on the device;
s) secure boot or other mechanism to detect unauthorized changes to IoT device software are supported by the device;
t) the consumer IoT device sends personal data to associated services;
u) the consumer IoT device sends sensitive personal data to associated services;
v) the consumer IoT device includes external sensing capabilities;
w) telemetry data can be collected from consumer IoT devices and products;
x) personal data can be stored by an associated service;
y) the consumer IoT device processes personal data on the basis of consumers' consent;
z) the consumer IoT device processes personal data;
aa) capabilities to collect data from consumer IoT devices or to processed data on the consumer IoT device, whose purpose is solely to compute an aggregate result.

## Axis products supporting AXIS OS 11 and 12

| |
|---|
| AXIS A1210 Network Door Controller |
| AXIS A1210-B Network Door Controller |
| AXIS A1610 Network Door Controller |
| AXIS A1610-B Network Door Controller |
| AXIS A1710-B Network Door Controller |
| AXIS A1810-B Network Door Controller |
| AXIS A8207-VE Mk II Network Video Door Station |
| AXIS C1110-E Network Cabinet Speaker |
| AXIS C1111-E Network Cabinet Speaker |
| AXIS C1210-E Network Ceiling Speaker |
| AXIS C1211-E Network Cabinet Speaker |
| AXIS C1310-E Mk II Network Horn Speaker |
| AXIS C1410 Mk II Network Mini Speaker |
| AXIS C1510 Network Pendant Speaker |


© 2026 UL LLC. All rights reserved.
333 Pfingsten Road
Northbrook, IL, 60062, USA
www.ul.com

| |
|---|
| AXIS C1511 Network Pendant Speaker |
| AXIS C1610-VE Network Sound Projector |
| AXIS C1710 Network Display Speaker |
| AXIS C1720 Network Display Speaker |
| AXIS C6110 Network Paging Console |
| AXIS C8110 Network Audio Bridge |
| AXIS D1110 Video Decoder 4K |
| AXIS D2122-VE Radar |
| AXIS D2123-VE Radar |
| AXIS D2210-VE Security Radar |
| AXIS D3110 Connectivity Hub |
| AXIS D3110 Mk II Connectivity Hub |
| AXIS D4100-E Network Strobe Siren |
| AXIS D4100-VE Mk II Network Strobe Siren |
| AXIS D4200-VE Network Strobe Speaker |
| AXIS F9104-B Main Unit |
| AXIS F9104-B Mk II Main Unit |
| AXIS F9111 Main Unit |
| AXIS F9111-R Mk II Main Unit |
| AXIS F9114 Main Unit |
| AXIS F9114-B Main Unit |
| AXIS F9114-B Mk II Main Unit |
| AXIS F9114-R Mk II Main Unit |
| AXIS FA51 Main Unit |
| AXIS FA51-B Main Unit |
| AXIS FA54 Main Unit |
| AXIS I7010-VE Network Intercom |
| AXIS I7020 Network Intercom |
| AXIS I8016-LVE Network Video Intercom |
| AXIS I8116-E Network Video Intercom |
| AXIS I8307-VE Network Video Intercom |
| AXIS M1055-L Box Camera |
| AXIS M1075-L Box Camera |
| AXIS M1075-L Mk II Box Camera |
| AXIS M1135 Mk II Box Camera |
| AXIS M1135-E Mk II Box Camera |
| AXIS M1137 Mk II Box Camera |



© 2026 UL LLC. All rights reserved.

333 Pfingsten Road
Northbrook, IL, 60062, USA
www.ul.com

| |
|---|
| AXIS M1137-E Mk II Box Camera |
| AXIS M2035-LE Bullet Camera |
| AXIS M2036-LE Bullet Camera |
| AXIS M2048-LE Bullet Camera |
| AXIS M3057-PLR Mk II Network Camera |
| AXIS M3077-PLVE Network Camera |
| AXIS M3085-V Dome Camera |
| AXIS M3086-V Dome Camera |
| AXIS M3086-V Mic Dome Camera |
| AXIS M3088-V Dome Camera |
| AXIS M3098-V Dome Camera |
| AXIS M3098-LV Dome Camera |
| AXIS M3098-H Dome Camera |
| AXIS M3125-LVE Dome Camera |
| AXIS M3126-LVE Dome Camera |
| AXIS M3128-LVE Dome Camera |
| AXIS M3215-LVE Dome Camera |
| AXIS M3216-LVE Dome Camera |
| AXIS M3905-R Dome Camera |
| AXIS M4215-LV Dome Camera |
| AXIS M4215-V Dome Camera |
| AXIS M4216-LV Dome Camera |
| AXIS M4216-V Dome Camera |
| AXIS M4218-LV Dome Camera |
| AXIS M4218-V Dome Camera |
| AXIS M4225-LVE Dome Camera |
| AXIS M4227-LVE Dome Camera |
| AXIS M4228-LVE Dome Camera |
| AXIS M4308-PLE Panoramic Camera |
| AXIS M4317-PLVE Panoramic Camera |
| AXIS M4318-PLVE Panoramic Camera |
| AXIS M4327-P Panoramic Camera |
| AXIS M4328-P Panoramic Camera |
| AXIS M5000 PTZ Camera |
| AXIS M5000-G PTZ Camera |
| AXIS M5526-E PTZ Camera |
| AXIS M7104 Video Encoder |



© 2026 UL LLC. All rights reserved.

333 Pfingsten Road
Northbrook, IL, 60062, USA
www.ul.com

| |
|---|
| AXIS M7116 Video Encoder |
| AXIS P1245 Mk II Modular Standard Camera |
| AXIS P1265 Mk II Modular Standard Camera |
| AXIS P1275 Mk II Modular Standard Camera |
| AXIS P1385 Box Camera |
| AXIS P1385-B Box Camera |
| AXIS P1385-BE Box Camera |
| AXIS P1385-E Box Camera |
| AXIS P1387 Box Camera |
| AXIS P1387-B Box Camera |
| AXIS P1387-BE Box Camera |
| AXIS P1387-LE Box Camera |
| AXIS P1388 Box Camera |
| AXIS P1388-B Box Camera |
| AXIS P1388-BE Box Camera |
| AXIS P1388-LE Box Camera |
| AXIS P1465-LE Bullet Camera |
| AXIS P1465-LE-3 License Plate Verifier Kit |
| AXIS P1467-LE Bullet Camera |
| AXIS P1468-LE Bullet Camera |
| AXIS P1468-XLE Explosion-Protected Bullet Camera |
| AXIS P1475-LE Camera |
| AXIS P1485-LE 28 mm Camera |
| AXIS P1486-LE Global Shutter Camera |
| AXIS P1487-LE Camera |
| AXIS P1488-LE Camera |
| AXIS P1518-E Box Camera |
| AXIS P1518-LE Box Camera |
| AXIS P3255-LVE Network Camera |
| AXIS P3265-LV Dome Camera |
| AXIS P3265-LVE Dome Camera |
| AXIS P3265-LVE-3 License Plate Verifier Kit |
| AXIS P3265-V Dome Camera |
| AXIS P3267-LV Mic Dome Camera |
| AXIS P3267-LVE Mic Dome Camera |
| AXIS P3268-LV Dome Camera |
| AXIS P3268-LVE Dome Camera |

© 2026 UL LLC. All rights reserved.



333 Pfingsten Road
Northbrook, IL, 60062, USA
www.ul.com

| |
|---|
| AXIS P3268-SLVE Dome Camera |
| AXIS P3275-LV Dome Camera |
| AXIS P3275-LVE Dome Camera |
| AXIS P3275-V Dome Camera |
| AXIS P3277-LV Dome Camera |
| AXIS P3277-LVE Dome Camera |
| AXIS P3277-LVE Mic |
| AXIS P3278-LV Dome Camera |
| AXIS P3278-LVE Dome Camera |
| AXIS P3285-LV Dome Camera |
| AXIS P3285-LVE Dome Camera |
| AXIS P3287-LV Dome Camera |
| AXIS P3287-LVE Dome Camera |
| AXIS P3288-LV Dome Camera |
| AXIS P3288-LVE Dome Camera |
| AXIS P3407-VE Dome Camera |
| AXIS P3408-VE Dome Camera |
| AXIS P3727-PLE Network Camera |
| AXIS P3735-PLE Panoramic Camera |
| AXIS P3737-PLE Panoramic Camera |
| AXIS P3738-PLE Panoramic Camera |
| AXIS P3747-PLVE Panoramic Camera |
| AXIS P3748-PLVE Panoramic Camera |
| AXIS P3818-PVE Panoramic Camera |
| AXIS P3827-PVE Panoramic Camera |
| AXIS P3905-R Mk III Dome Camera |
| AXIS P3925-LRE Network Camera |
| AXIS P3925-R Network Camera |
| AXIS P3935-LR Network Camera |
| AXIS P4705-PLVE Panoramic Camera |
| AXIS P4707-PLVE Panoramic Camera |
| AXIS P4708-PLVE Panoramic Camera |
| AXIS P5654-E MK II PTZ Camera |
| AXIS P5676-LE PTZ Camera |
| AXIS P7304 Video Encoder |
| AXIS P7316 Video Encoder |
| AXIS P9117-PV Corner Camera |



© 2026 UL LLC. All rights reserved.

333 Pfingsten Road
Northbrook, IL, 60062, USA
www.ul.com

| |
|---|
| AXIS Q1615 Mk III Network Camera |
| AXIS Q1615-LE Mk III Network Camera |
| AXIS Q1656 Box Camera |
| AXIS Q1656-B Box Camera |
| AXIS Q1656-BE Box Camera |
| AXIS Q1656-BLE Box Camera |
| AXIS Q1656-DLE Box Camera |
| AXIS Q1656-LE Box Camera |
| AXIS Q1686-DLE Radar-Video Fusion Camera |
| AXIS Q1715 Block Camera |
| AXIS Q1726 Block Camera |
| AXIS Q1726-LE Block Camera |
| AXIS Q1728 Block Camera |
| AXIS Q1728-LE Block Camera |
| AXIS Q1800-LE License Plate Camera |
| AXIS Q1800-LE-3 License Plate Verifier Kit |
| AXIS Q1805-LE Bullet Camera |
| AXIS Q1806-LE Bullet Camera |
| AXIS Q1808-LE Bullet Camera |
| AXIS Q1809-LE Bullet Camera |
| AXIS Q1951-E Thermal Camera |
| AXIS Q1952-E Thermal Camera |
| AXIS Q1961-TE Thermal Camera |
| AXIS Q1961-XTE Thermal Camera |
| AXIS Q1971-E Thermal Camera |
| AXIS Q1972-E Thermal Camera |
| AXIS Q2101-TE Thermal Camera |
| AXIS Q2111-E Thermal Camera |
| AXIS Q2112-E Thermal Camera |
| AXIS Q3536-LVE Dome Camera |
| AXIS Q3538-LVE Dome Camera |
| AXIS Q3538-SLVE Dome Camera |
| AXIS Q3546-LVE Dome Camera |
| AXIS Q3548-LVE Dome Camera |
| AXIS Q3556-LVE Dome Camera |
| AXIS Q3558-LVE Dome Camera |
| AXIS Q3626-VE Dome Camera |



© 2026 UL LLC. All rights reserved.

333 Pfingsten Road
Northbrook, IL, 60062, USA
www.ul.com

| |
|---|
| AXIS Q3628-VE Dome Camera |
| AXIS Q3819-PVE Panoramic Camera |
| AXIS Q3819-PVE Panoramic Camera |
| AXIS Q3839-PVE Panoramic Camera |
| AXIS Q3839-SPVE Panoramic Camera |
| AXIS Q4809-PVE Panoramic Camera |
| AXIS Q6020-E Panoramic Camera |
| AXIS Q6074 PTZ Camera |
| AXIS Q6074-E PTZ Camera |
| AXIS Q6075 PTZ Camera |
| AXIS Q6075-E PTZ Camera |
| AXIS Q6075-SE PTZ Camera |
| AXIS Q6078-E PTZ Camera |
| AXIS Q6086-E PTZ Camera |
| AXIS Q6088-E PTZ Camera |
| AXIS Q6135-LE PTZ Camera |
| AXIS Q6225-LE PTZ Camera |
| AXIS Q6300-E Panoramic Camera |
| AXIS Q6315-LE PTZ Camera |
| AXIS Q6318-LE PTZ Camera |
| AXIS Q6325-LE PTZ Camera |
| AXIS Q6355-LE PTZ Camera |
| AXIS Q6358-LE PTZ Camera |
| AXIS Q6411-LE Bispectral PTZ Camera |
| AXIS Q8615-E PTZ Camera |
| AXIS Q8752-E Bispectral PTZ Camera |
| AXIS Q8752-E Mk II Bispectral PTZ Camera |
| AXIS Q9216-SLV Network Camera |
| AXIS Q9227-SLV Corner Camera |
| AXIS Q9307-LV Dome Camera |
| AXIS S3008 Mk II Recorder |
| AXIS S3008 Recorder |
| AXIS S3016 Recorder |
| AXIS S4000 Rack Recorder |
| AXIS W101 Body Worn Camera |
| AXIS W102 Body Worn Camera |
| AXIS W110 Body Worn Camera |



© 2026 UL LLC. All rights reserved.

333 Pfingsten Road
Northbrook, IL, 60062, USA
www.ul.com

| |
|---|
| AXIS W120 Body Worn Camera |
| AXIS W400 Body Worn Activation Kit |
| AXIS W800 Body Worn Controller |
| AXIS XC1311 Explosion-Protected Network Speaker |
| AXIS XFQ1656 Explosion-Protected Camera |
| D201-S XPT Q6075 Explosion-Protected PTZ Camera |
| D6310 Air Quality Sensor |
| ExCam XF P1377 Explosion-Protected Camera |
| ExCam XF P3807 Explosion-Protected Camera |
| ExCam XPT Q6075 Explosion-Protected PTZ Camera |



© 2026 UL LLC. All rights reserved.

333 Pfingsten Road
Northbrook, IL, 60062, USA
www.ul.com