

[1]

TYPE EXAMINATION CERTIFICATE



[2]

Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

[3]

Type Examination Certificate Number: **UL 22 ATEX 2888X Rev. 3**

[4]

Product: **Bullet Camera, Models AXIS P1468-XLE and AXIS Q1961-XTE**

[5]

Manufacturer: **Axis Ex AB**

[6]

Address: **Gränden 1, Lund 223 69 Sweden**

[7]

This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8]

UL International Demko A/S certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.

The examination and test results are recorded in confidential report no. **DK/ULD/ExTR22.0010/03**.

[9]

Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018

EN IEC 60079-7:2015/A1:2018

Where additional criteria beyond those given here have been used, they are listed at item 18 in the Schedule.

[10]

If the sign "X" is placed after the certificate number, it indicates that the product is subject to the "Specific Conditions of Use" listed under item 17 of this certificate.

[11]

This Type examination certificate relates only to the design of the specified product, and not to specific items of product subsequently manufactured.

[12]

The marking of the product shall include the following (marking is provided in the Schedule as a part of item 15, if applicable):



II 3 G Ex ec IIC T4 Gc

Certification Manager
Thomas Wilson

This is to certify that the sample(s) of the Product described herein ("Certified Product") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Product Certification Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established Follow-Up Service or other surveillance of the product. The Manufacturer is solely and fully responsible for conformity of all product to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2023-01-30

Re-issued: 2024-03-12

Certification Body

UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark
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[14]

Schedule

TYPE EXAMINATION CERTIFICATE No.

UL 22 ATEX 2888X Rev. 3

[15]

Description of Product

The Bullet Camera, models AXIS P1468-XLE and AXIS Q1961-XTE comprises a mounting base, an incoming wiring and electronics chamber, a multi-positional arm and ball joint, and the camera itself in a camera housing. A weather shield can be fitted and removed without use of tools.

The camera housing and weather shield is non-metallic in construction, the rest of enclosure is manufactured with aluminium and powder coated finish. Power and communications with the bullet camera is via PoE or dc input and separate communications (control and audio). An onboard socket allows for installation of a memory card for local storage. A factory fitted battery is for real-time clock.

An infrared light source provides night-time illumination for low-light operation and internal heaters operate when required, to maintain the internal ambient of the bullet camera within an operational range.

Product Nomenclature –

'P1468-XLE'	
P – Product line	
1 – Product type	
4 – Product Generation	
6 – Serial Number	
8 – Resolution 3840x2160	
-	
X – Ex Classified	
L – IR-Illumination	
E – Outdoor	

'Q1961-XTE'	
Q – Product line	
1 – Product type	
9 – Product Generation	
6 – Serial Number	
1 – Resolution 384x288	
-	
X – Ex Classified	
T – Thermometric	
E – Outdoor	

Performance testing

The optical radiation output of the product with respect to explosion protection, according to Annex II clause 1.3.1 of the Directive 2014/34/EU is covered in this certificate based on Exception 1) to the scope of EN 60079-28:2015.

Temperature range:

The ambient temperature range is

-40°C to +60°C for AXIS P1468-XLE

-30 °C to +60 °C for AXIS Q1961-XTE.

Electrical data

PoE input -

PoE 44-57V DC Class 3, 0.30 A – 0.23 A

DC input -

12-28V DC 1.07A -0.46A, Max. 12.95W

(IEEE 802.3af complaint)

Routine tests:

None

[16]

Descriptive Documents

The scheduled drawings are listed in the report no. provided under item no. [8] on page 1 of this Type Examination Certificate.

[17]

Specific Conditions of Use:

- Take precautions to minimise the risk of electrostatic charging – refer to installation instructions.
- Capacitance of accessible metal parts of the equipment is 85.4pF and shall be considered in the specific application.
- Equipment must not be exposed to impact energy exceeding 2 Joules to the window, and 4 Joules to the rest of the body.
- Orientation of the product must be in accordance with the installation instructions.
- The equipment shall only be used in an area of at least pollution degree 2, as defined in EN 60664-1.

[18]

Essential Health and Safety Requirements

The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information

The Bullet Camera has in addition passed the tests for Ingress Protection to IP64 in accordance with EN60529:1991+A1:2000+A2:2013.