

[1]

EC-TYPE EXAMINATION CERTIFICATE



[2]

Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

[3]

EC-Type Examination Certificate Number: **DEMKO 15 ATEX 1444X Rev. 0**

[4]

Equipment or Protective System: **EXTEGRA IP 9000 Camera**

[5]

Manufacturer: **Bosch Security Systems Inc.**

[6]

Address: **850 Greenfield Rd, Lancaster PA17601 USA**

[7]

This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

[8]

UL International Demko A/S, notified body number 0539 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no. **4786659486**

[9]

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

EN 60079-0:2012+A11:2013

EN 60079-1:2007

EN 60079-31:2009

[10]

If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

[11]

This EC-Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system.

These are not covered by the certificate.

[12]

The marking of the equipment or protective system shall include the following:



II 2 G

Ex d IIB T6 Gb



II 2 D

Ex tb IIIC T85°C Db

Certification Manager

Jan-Erik Storgaard

This is to certify that the sample(s) of the Equipment described herein ("Certified Equipment") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Equipment Certification Program Requirements. This certificate and test results obtained apply only to the equipment 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 equipment. UL has not established Follow-Up Service or other surveillance of the equipment. The Manufacturer is solely and fully responsible for conformity of all equipment 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: 2015-03-23



Notified Body

UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark
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Schedule
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[15]

Description of Equipment or protective system

This device is flameproof and protected by enclosure camera assemblies. The camera consists of a cylindrical stainless steel or aluminum housing with a front window cover and back plate assembly threaded into either end of the housing. The back plate assembly has four threaded ¼ NPT entries for the supply connection. All unused entries contain a conduit plug. This model contains a mounting bracket assembly and sunshield (not used for mechanical protection).

Nomenclature for EXTEGRA IP 9000 Camera:

I	II	III	IV	V
NXF-9	1	30	A	4

I
NXF-9 – Network

II
1 – 720P Camera Block
2 – 1080P Camera Block

III
30 – 30X Zoom

IV
A – Aluminum
S – Stainless Steel

V
4 – IP Back End Version 4

Temperature range

Product models with Aluminum Housing: $-50^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$

Product models with Stainless Steel Housing: $-50^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$

Electrical data

Rated Input: 24 VAC, 50/60 Hz, 4 A

Installation instructions

See Specific condition of use.

Routine tests

A routine overpressure test according to EN 60079-1 Edition 6, Clause 16.1, shall be conducted at 391.5 PSI in a normal room ambient on each front cover/fascia. There shall be no permanent deformation of the joints or damage to the enclosure, including the window.

[16]

Descriptive Documents:

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

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Specific conditions of use:

- Proper operation and instruction for putting the device into safe use is described in the manufacturer's installation instructions, Drawing Number F.01U.304.260.
- Unused conduit openings shall be closed with the provided conduit plug.
- For ambient temperatures below -10°C , use field wiring suitable for the minimum ambient temperature.
- The joint between the junction box and housing is secured by a thread locker for permanent securement. This joint shall not be removed because there may be damage to the flamepath.
- The device was subjected to the resistance to impact test at 2 J. It shall be installed where it will not be subjected to impact.
- Information about contacting the manufacturer for information about the flameproof joints.
- Information regarding the application of thread sealant Slic Tite Paste with PTFE, manufactured by Laco Markal, to the conduit plug/back plate assembly threaded joint.



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Essential Health and Safety Requirements

Concerning ESRs this Schedule verifies compliance with the Annex III of ATEX directive only. By placing the product on the market, the manufacturer declares compliance with other relevant Directives, and all other safety related requirements including those of Annex II of this Directive.

Additional information

The EXTEGRA IP 9000 Camera has in addition passed the tests for Ingress Protection to IP 68 in accordance with EN60529: 1991/A1 2000. For dust 'tb', the devices have passed the tests for Ingress Protection to IP 67.

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in ANNEX III to Directive 94/9/EC of the European Parliament and the Council of 23 March 1994.

