



# EU DECLARATION OF CONFORMITY

## According to ATEX Directive 2014/34/EU

### 1.Manufacturer

**Manufacturer:** ZHEJIANG DAHUA VISION TECHNOLOGY CO.,LTD.

**Address:** No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China

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### 2.Factory

**Manufacturer:** Beijing Hongboyatai Electrical Equipment Co., Ltd.

**Address:** No.9 An Qing Street, Airport Industrial Zone, Shunyi District, Beijing  
China

Note:

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### 3. Equipment Information:

**Product name:** Explosion-proof Camera

**Type / model:** DH-IPC-HDEW Series

**Serial number:** See product nameplate



Note:

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### 4. General Description for The Equipment:

This product is made of stainless steel 304/316L, and the View window is made of polycarbonate PE composite. The use of 100 Gigabit full duplex Ethernet electric signal transmission is safe and reliable, and integrates many kinds of communication protocols and communication rates. It can play an important role in various types of security systems. It can play an important role in various types of security systems. camera explosion-proof performance accords with the requirements of Ex db IIC T6/T5 Gb、 Ex tb IIIC T80°C/ T100°C Db, and is designed for flameproof and dust-proof explosion-proof camera. Explosion-proof camera is a mature explosion-proof monitoring equipment, with advanced functions and reasonable structure design. With advanced manufacturing technology and mature quality management system, the product quality and performance are excellent.

### **5.General Description for Safe Use:**

- a) The marking of the equipment shall include the following:

ATEX mark:  $\text{Ex}$  II2 G D

Ex db IIC T6/T5 Gb

Ex tb IIIC T80 °C /T100 °C Db

T5/T100 °C:  $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$

T6/T80 °C:  $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +55^{\circ}\text{C}$

- b) Apparatus supply and input/output parameters:

Rated voltage: DC12V

Rated current: 0.7A

- c) Notified Body for EU-Type Examination: TUV Rheinland Industrie Service GmbH 0035  
Address: Am Grauen Stein, 51105 Cologne, Germany

- d) The examination and test results are recorded in the confidential report:  
GC/Ex 8579.00/20

- e) EU-type Examination Certificate  
TÜV 20 ATEX 8579 X

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### **6.Quality Management System:**

Ex QAN (Quality Assessment notification for production facility): 01 220 2009035

ExNB:  
TUV Rheinland Industrie Service GmbH 0035

### **7. Reference to the harmonized standards**

EN60079-0:2018  
EN60079-1:2014  
EN60079-31:2014

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### **8. Where appropriate, the standards and technical specifications used**

Or N/A

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**9. Where appropriate, references to other EU Directives which have been applied**

Or N/A

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We, ZHEJIANG DAHUA VISION TECHNOLOGY CO.,LTD., declare that the design, manufacturing and inspection of the **Explosion-proof Camera** described above is in conformity with the provisions of the ATEX Directive 2014/34/EU.

**Jason Ren**

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**Project Manager**

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.

**04.08.2021**

Remark: The signatory needs to be a responsible officer of the manufacturer or of the authorised representative.

**Annex 1**