



国家防爆

Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

Cert.No.: CNEx17.1261

Manufacturer CHANGZHOU ZUOAN ELECTRONICS CO., LTD.
Peace Village, Zhenglu Town, Tianning District, Changzhou, China

Name of Product Explosion Proof CCTV Camera

Type of Product ZAF100A 220VAC 3A

Marking Ex d IIC T6 Gb/ Ex tD A21 IP68 T80°C

Standard Q/320412ZAF001-2017

Drawing No. ZAF100A.00-00

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

- GB3836.1-2010 Explosive atmospheres Part 1: Equipment-General requirements
- GB3836.2-2010 Explosive atmospheres Part 2: Equipment protection by flameproof enclosures "d"
- GB12476.1-2013 Electrical apparatus for use in the presence of combustible dust - Part 1: General requirements
- GB12476.5-2013 Electrical apparatus for use in the presence of combustible dust - Part 5: Protection by enclosures "tD"

- Note**
1. Ingress protection level: IP68 (2m/2h).
 2. Ambient temperature: -40 °C ~ +60 °C.
 3. The cable entry device equipped with this product is the Ex-certified explosion proof cable gland with Ex-marking of Ex d IIC Gb/ Ex tD A21 IP68. Sealing the cable gland according to the instruction manual while operating.
 4. Representative models: ZAF100A, ZAF100B
Voltage input: AC220V, AC24V, DC12V.

Valid Date From April 20, 2017 to April 19, 2022

Issue Date April 20, 2017

Director



CHINA NATIONAL QUALITY SUPERVISION AND TEST CENTRE
FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS

Address: No.20 North Zhongjiang Rd, Nanyang, Henan (473008), P.R.China
Tel: 0377-63258562 Fax: 0377-63208182 [Http://www.china-ex.com](http://www.china-ex.com)

Note: This certificate is only valid for the products which identify with the samples tested and verified.
Holder of this certificate have the responsibility to ensure the products complying with relevant standards.