



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX TUR 22.0044X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2023-05-29
Applicant: **WAROM TECHNOLOGY INCORPORATED COMPANY**
No.555, Baoqian Road, Jiading, Shanghai
China
Equipment: **Explosion-Proof Camera, Type(s): BJK-S series**
Optional accessory:
Type of Protection: **Flameproof enclosures "db" and Equipment dust ignition protection by enclosure "tb"**
Marking: Ex db IIC T6 Gb
Ex tb IIC T80°C Db
Ta: -60°C to +63°C

Approved for issue on behalf of the IECEx
Certification Body:

Dipl.-Ing. He Mei

Position:

Assigned certifier

Signature:
(for printed version)

He Mei

Date:
(for printed version)

2023-05-29

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

TUV Rheinland Industrie Service GmbH
Am Grauen Stein
51105 Cologne
Germany





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Date of issue: 2023-05-29 Issue No: 0

Manufacturer: **WAROM TECHNOLOGY INCORPORATED COMPANY**
No.555, Baoqian Road, Jiading, Shanghai
China

Manufacturing locations: **WAROM TECHNOLOGY INCORPORATED COMPANY**
No.555, Baoqian Road, Jiading, Shanghai
China

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31:2022-01 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[DE/TUR/ExTR22.0044/00](#)

Quality Assessment Report:

[CN/CQM/QAR07.0003/11](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

General product information:

The main enclosure of the Explosion-Proof Camera model BJK-S is made of SUS304 or SUS316 or SUS316L. The enclosure is constructed in type of explosion protection flameproof enclosure "db". The equipment is intended to be used combustible gas environment in Zone 1 and Zone 2, and combustible dust environment in Zone 21 and Zone 22. BJK-S is used to monitor the condition of environment and transfer to display.

Type/Model description:

BJK-S/ G D I W 20 04

1 2 3 4 5 6 7 8

- 1 - BJK: Represented as Explosion-proof monitoring system;
- 2 - S: Represented as camera;
- 3 - G: Represented stainless steel;
- 4 - D: Represented IR function, (D = with IR function, blank = without IR function);
- 5 - I: Codes "I" or "II" to represent enclosure type;
- 6 - W: Represent transmission mode, (W = wireless transmission, blank = wire transmission);
- 7 - 20: Represented as pixel parameter;
- 8 - 04: Represented as focal length parameters or optical amplification parameters.

Technical data:

Rated Voltage: 176V-264VAC, 88V-132VAC, 24VAC, 24VDC or 12VDC

Rated power: 19W Max

Ambient temperature: -60°C to +63°C

Ingress protection: IP66/68 (1.1m, 45 minutes)

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Specific guidance noted to contact the original manufacturer for information on the dimension of the flameproof joints.
2. The equipment shall be incorporated with ATEX/IECEX certified cable glands or blanking plug in accordance with IEC 60079-14.