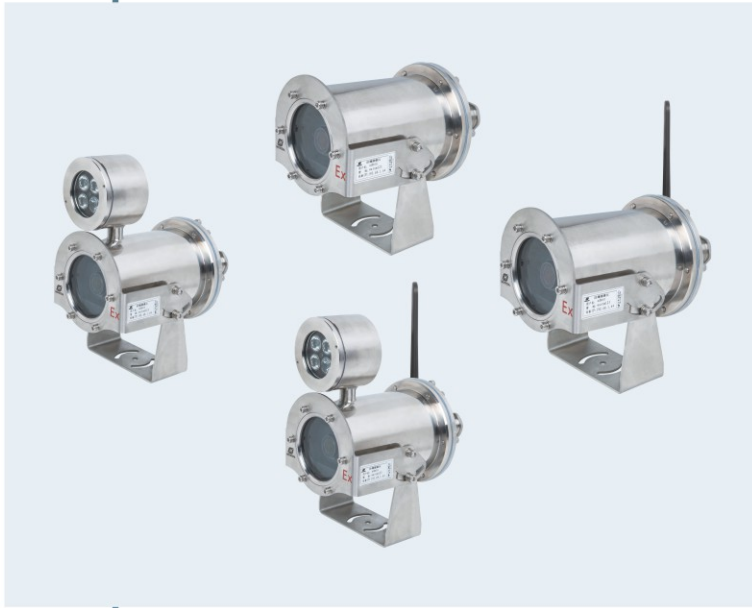


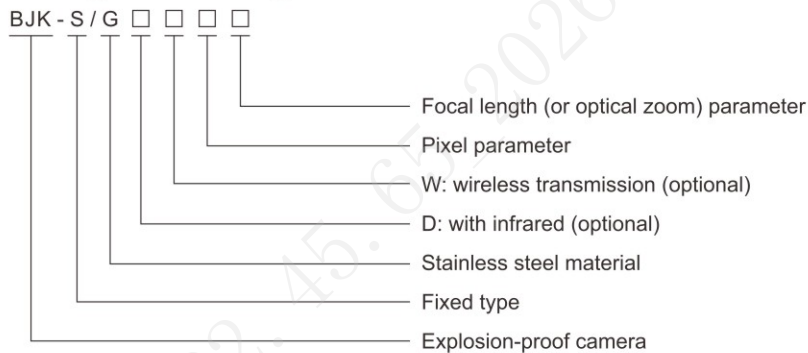
SCS-JK Intelligent AI Video Image Analysis and Warning System

BJK-S/G□ Series Explosion-proof Camera



- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- ◆ Product features: intelligent control, intelligent monitoring, intelligent communication, intelligent recognition, intelligent analysis, intelligent monitoring.

■ Catalogue number logic



■ Product features

- ◆ Explosion-proof cameras are used as fixed terminals in intelligent video surveillance systems, enabling functions such as on-site scanning transmission, real-time video streaming, instant recording storage, and remote network transmission of images.
- ◆ They are ideal for fixed-point monitoring of critical areas and feature a semi-fixed pan-tilt mechanism allowing manual adjustment of angles in all directions.
- ◆ An intelligent temperature control unit can be optionally installed internally, enabling operation in harsh environments down to -40°C.
- ◆ Wireless modules can also be configured to transmit video signals via 4G, 5G, or Wi-Fi wireless networks.

Zones 1&2; 21&22



SCS-JK Intelligent AI Video Image Analysis and Warning System

BJK-S/G□ Series Explosion-proof Camera

Technical data

Explosion-proof Camera

BJK-S/G□

Explosion protection

Global (IECEX)

Gas and dust

IECEX TUR 22.0044X

Ex db IIC T6 Gb

Ex tb IIIC T80°C Db

Europe (ATEX)

TÜV 22 ATEX 8864 X

Gas and dust

Ex II 2 G Ex db IIC T6 Gb

Ex II 2 D Ex tb IIIC T80°C Db

Certificates

IECEX; ATEX

Conformity to standards

IEC 60079-0, IEC 60079-1, IEC 60079-31, EN 60079-0, EN 60079-1, EN 60079-31

Rated voltage

176-264V AC, AC24V, DC24V, DC12V

Material

304 stainless steel or 316 stainless steel

Pixel

2 million, 4 million, 8 million (optional)

Optical zoom

4x, 25x, 32x (optional)

Focal length

2.8-12mm, 4.8~120mm, 5.9~188.8mm(optional)

Infrared function

Optional

Image sensor

1/1.8" progressive scan CMOS

Min. Illumination

Color: 0.0005 lux; Monochrome: 0.0001 lux

Signal-to-noise ratio

>52dB

White balance

Manual white balance, indoor, outdoor, daylight, sodium lamp, auto white balance, auto tracking white balance, locked white balance

Day/Night mode

Auto ICR color-to-black

Video compression

H.264/H.265

Angle adjustment

Manual half-fixed pan-tilt mount with adjustable up/down and left/right angles

Intelligent features

Supports region intrusion detection, boundary crossing detection, entry/exit region detection, loitering detection, crowd gathering detection, fast motion detection, parking detection, audio anomaly detection, motion detection, video obstruction detection

Transmission method

Wired, 4G/5G/WiFi (optional)

Mounting bracket

ZJ001 wall-mounted bracket

Bracket material

Q235 carbon steel, 304 stainless steel, 316 stainless steel (optional)

Protection rating

IP68

Temperature range

-40°C~+60°C

Weight

5kg



Dimension drawings (all dimensions in mm) - subject to alteration

