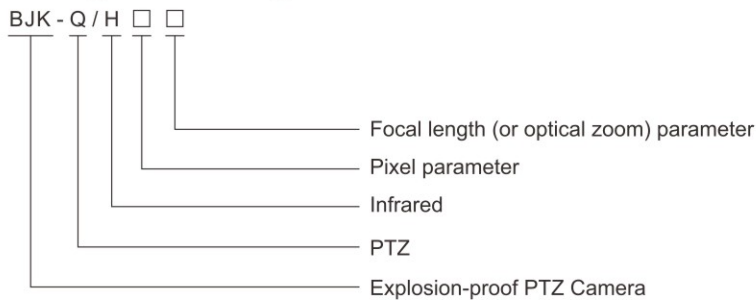


## SCS-JK Intelligent AI Video Image Analysis and Warning System BJK-Q/H Series Explosion-proof PTZ Camera



- ◆ 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

- ◆ The explosion-proof PTZ camera is used as a fixed terminal in intelligent video surveillance systems, enabling functions such as on-site video image acquisition and upload. The device features multiple intelligent behavior monitoring capabilities and supports various trigger rule-based interactions.
- ◆ Aluminum alloy body with a sleek and lightweight design.
- ◆ The product features infrared illumination, which can be optionally switched to white light illumination as needed.
- ◆ Equipped with a built-in wiper to ensure clear and unobstructed monitoring images at all times.
- ◆ Optional microphone and speaker enables two-way remote communication.
- ◆ Ideal for comprehensive monitoring of key areas, the product allows continuous 360° horizontal rotation and ±90° vertical rotation.
- ◆ Suitable for wide-area surveillance, with programmable patrol functions, preset positions, and watch positions available.

# Zones 1&2; 21&22

## SCS-JK Intelligent AI Video Image Analysis and Warning System

### BJK-Q/H Series Explosion-proof PTZ Camera

#### Technical data

#### Explosion-proof PTZ Camera BJK-Q/H

|                                  |   |
|----------------------------------|---|
| <b>Explosion protection</b>      | IECEX (applied for)   |
| Global (IECEX)                   | Ex db IIC T6 Gb   |
| Gas and dust                     | Ex tb IIIC T80°C Db   |
| Europe (ATEX)                    | ATEX (applied for)  |
| Gas and dust                     | Ⓔ II 2 G Ex db IIC T6 Gb  |
|                                  | Ⓔ II 2 D Ex tb IIIC T80°C Db  |
| <b>Certificates</b>              | IECEX; ATEX   |
| <b>Conformity to standards</b>   | IEC 60079-0, IEC 60079-1, IEC 60079-31, EN 60079-0, EN 60079-1, EN 60079-31   |
| <b>Rated voltage</b>             | 176-264V AC, 24V AC, 24V DC, 12V DC   |
| <b>Material</b>                  | Aluminium alloy   |
| <b>Pixels</b>                    | 2 million, 4 million, 8 million (optional)  |
| <b>Optical zoom</b>              | 25×, 32× (optional)   |
| <b>Focal length</b>              | 4.8~120mm, 5.9~188.8mm(Optional)  |
| <b>Infrared function</b>         | Infrared-enabled  |
| <b>Wiper function</b>            | Wiper-equipped  |
| <b>Illumination distance</b>     | 50m, 80m, 100m(Optional)  |
| <b>Image sensor</b>              | 1/2.7" progressive scan CMOS  |
| <b>Min. Illumination</b>         | Color: 0.005 Lux @(F1.5, AGC ON)<br>Monochrome: 0.001 Lux @(F1.5, AGC ON)<br>0 Lux with IR  |
| <b>Signal-to-noise ratio</b>     | >52dB   |
| <b>White balance</b>             | Manual white balance, indoor, outdoor, daylight, sodium lamp, auto white balance, auto tracking white balance, locked white balance   |
| <b>Day/Night mode</b>            | Auto ICX color-to-black   |
| <b>Video compression</b>         | H.264/H.265   |
| <b>Angle adjustment</b>          | Pan: 0°~360° continuous rotation, Tilt: 0°~90°  |
| <b>Horizontal rotation speed</b> | 0.1°/s~42°/s  |
| <b>Vertical rotation speed</b>   | 0.1°/s~42°/s  |
| <b>Intelligent features</b>      | 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 |
| <b>Transmission method</b>       | Wired   |
| <b>Mounting bracket</b>          | ZJ003 wall mount bracket, ZJ004 ceiling mount bracket   |
| <b>Bracket material</b>          | Q235 carbon steel, 304 stainless steel, 316 stainless steel (optional)  |
| <b>Protection rating</b>         | IP68  |
| <b>Temperature range</b>         | -40°C~+60°C   |
| <b>Weight</b>                    | ≤7.0kg  |



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

