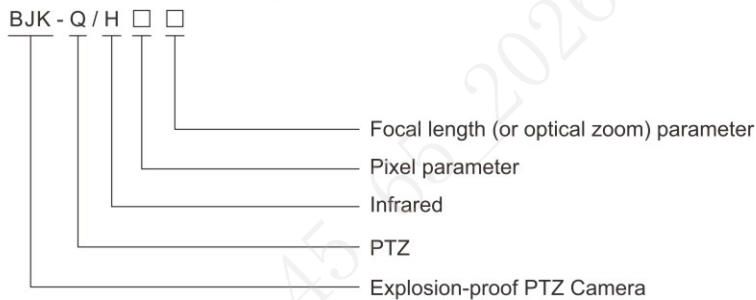


SCS-JK Intelligent AI Video Image Analysis and Warning System BJK-Q/H Series Explosion-proof PTZ Camera



- ◆ 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

Explosion protection	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
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, 24V AC, 24V DC, 12V DC
Material	Aluminium alloy
Pixels	2 million, 4 million, 8 million (optional)
Optical zoom	25×, 32× (optional)
Focal length	4.8~120mm, 5.9~188.8mm(Optional)
Infrared function	Infrared-enabled
Wiper function	Wiper-equipped
Illumination distance	50m, 80m, 100m(Optional)
Image sensor	1/2.7" progressive scan CMOS
Min. Illumination	Color: 0.005 Lux @(F1.5, AGC ON) Monochrome: 0.001 Lux @(F1.5, AGC ON) 0 Lux with IR
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 ICX color-to-black
Video compression	H.264/H.265
Angle adjustment	Pan: 0°~360° continuous rotation, Tilt: 0°~90°
Horizontal rotation speed	0.1°/s~42°/s
Vertical rotation speed	0.1°/s~42°/s
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
Mounting bracket	ZJ003 wall mount bracket, ZJ004 ceiling mount bracket
Bracket material	Q235 carbon steel, 304 stainless steel, 316 stainless steel (optional)
Protection rating	IP68
Temperature range	-40°C~+60°C
Weight	≤7.0kg



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

