JK-SERIES Security

The JK-Series features two models the JK400 (400X300 ir Detector) and the JK600 (640X512 IR Detector) which are fixed bullet network cameras, ideal for security and surveillance applications. There are multiple lens options available including; 6/15/25/35/50mm lenses. It is also has temperature measurement functionality with a temperature range of -40°C~150°C. The camera has multiple measurement tools which will allow for a small scale process control monitoring.

Key Features

- 400x300/640x512 IR detector

- Multiple Lens Option

- ONVIF/CGI/SDK Compatibility

- Multiple Measurement Tools

- DVE Imaging

- Standalone Operation

JK-Series Specifications

	JK400	JK600
Detector Type	Uncooled IRFPA Microbolometer	
Detector Resolution	400x300	640x512
Thermal Sensitivity (N.E.T.D)	40mK @F1.0, 300K	
Spatial Resolution	1.09mrad	
Spectral range	7.5~14µm	
Colour Palette	Black-Heat /White-Heat/Rainbow/Iron-Red up to 17 modes	
Lens Type	Fixed	
Lens Focus	Manual Focus	
Video & Audio		
Compression	H.265,H.264, MUPEG	
Frame Rate	Main Stream: D1 @25/30fps	
Bit Rate Control	CBR/VBR	
Bit Rate	100Kps~6Mbps	
Region of Interest	Off/On (8 Zone, Rectangle)	
Digital Zoom	16x	
Mirror/Defog/Motion Detection	Support	
Privacy Masking	Off/On (4 Area, Rectangle)	
DVE Image Enhance	Support	
Audio Compression	G.711,AMR,RAW_PCM (Optionall)	
Intelligence		
Intelligent Functions	Motion Detection, Disk Alarm, I/O alarm, Temperature alarm	
IVS	Perimeter, Single Virtual Fences, Double Virtual Fences, Object left, Object Removed	
Detection Mode	Spot, Line, Area	
Measurement Tools	3 temperature measurement rule types, 20 rules (20 points/2 lines/16regions)	
Temperature Alarm	Over temperature alarm, temperature difference alarm	
Accuracy	±2°C/±2%	
Response Time	≤30ms	
Environment Working Temperature	-40°C~60°C (-40°f~140°F)	
Measurement Range	-40°C~150°C (-40°f~302°F)	
Temperature Display Mode	Temperature Target ≤5°C, Display absolute temperature value, Temperature value (temperature difference DEV= highest value–average)	
Network		
Ethernet	RJ-45 (10/100 Base-T)	
Protocols	IPv4/IPv6,HTTP,RTSP/RTP/RTCP,TCP/ UDP,DHCP,DNS.PPPOE,SMTP,SIP,802.1x	
Interoperability	ONVIF,CGI,SDK	
Streaming Type	Unicast	
Max. User Access	10 Users	
Edge Storage	NAS Local PC for instant recording Micro SD card 128GB	

JK-Series Specifications

	JK400	JK600
Web Viewer	≤IE11,Chrome, Firefox	
Web Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian	
Interface		
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector	
Audio Interface	1ch Audio In, 1ch Audio Out	
Alarm	2ch Alarm In, 2ch Alarm Out	
RS485/BNC Output/Reset Button	Support	
General		
Power Supply	DC12V/POE (IEEE 802, 3af)	
Power Consumption	Max 5W	
Operating Temperature	-40°C~60°C (-40°F~140°F)	
Storage Conditions	0~90% RH	
Certifications	CE/FCC	
Ingress Protection	N/A	
Casing	Metal	
Dimensions	110x388mm	
Net Weight	1.9KG	

JK-Series Connections

JK-Series Specifications

JK600 Lens Chart

JK600					
Focal Length	8mm	15mm	25mm	35mm	50mm
F No.	F1.0	F1.0	F1.0	F1.0	F1.0
Angle of View	H:68.4° V:57.1°	H:39.8° V:32.3°	H:24.5° V:19.7°	H:17.6° V:14.1°	H:12.4° V:9.9°
Detection Distance Fire (1m*1m)	235m	441m	735m	1029m	1471m
Detection Distance Man (1.8m*0.5m)	235m	441m	735m	1029m	1471m
Detection Distance Vehicle (4m*1.5m)	722m	1353m	2255m	3137m	4510m
Recognition Distance Fire (1m*1m)	78m	147m	245m	343m	490m
Recognition Distance Man (1.8m*0.5m)	59m	110m	184m	257m	368m
Recognition Distance Vehicle (4m*1.5m)	180m	338m	564m	789m	1127m

JK400 Lens Chart

JK400					
Focal Length	8mm	15mm	25mm	35mm	50mm
F No.	F1.0	F1.0	F1.0	F1.0	F1.0
Angle of View	H:46° V:35.3°	H:25.5° V:19.2°	H:15.4° V:11.6°	H:11° V:9°	H:7.7° V:5.8°
Detection Distance Fire (1m*1m)	235m	441m	735m	1029m	1471m
Detection Distance Man (1.8m*0.5m)	235m	441m	735m	1029m	1471m
Detection Distance Vehicle (4m*1.5m)	722m	1353m	2255m	3137m	4510m
Recognition Distance Fire (1m*1m)	78m	147m	245m	343m	490m
Recognition Distance Man (1.8m*0.5m)	59m	110m	184m	257m	368m
Recognition Distance	180m	336m	564m	789m	1127m