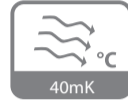


KX-F1307TN

Thermal Network Bullet Camera



- 640x512 VOx uncooled thermal sensor technology
- Athermalized Lens (thermal), Focus-free
- Support Fire detection & alarm
- Various lens optional (9/13/19/25/35mm)
- 2/1 alarm in/out
- Micro SD memory, IP67, PoE



Technical Specification

Thermal Camera

Image Sensor	Uncooled VOx Microbolometer
Effective Pixels	640(H)x512(V)
Pixel Size	17um
Thermal Sensitivity (NETD)	<40mK@f/1.0
Spectral Range	7~14um
Image Setting	Brightness/Sharpness/ROI/AGC/FFC/3D DNR
Color Palettes	14(Whitehot/Blackhot/Ironrow/Icefire/Fusion/Rainbow/Globow/Iconbow1/Iconbow2.etc)

Thermal Lens

Lens Type	Fixed				
Focus Control	Athermalized, Focus-free				
Focal Length	9mm	13mm	19mm	25mm	35mm
Angle of View	H: 69° V: 56°	H: 45° V: 37°	H: 32° V: 26°	H: 25° V: 20°	H: 18° V: 14°
Effective Distance ^① Man(1.8m*0.5m)	D : 290m R : 70m I : 40m	D: 450m R: 110m I: 60m	D: 640m R: 160m I: 80m	D: 1000m R: 250m I: 125m	D: 1300m R: 320m I: 160m
Effective Distance Vehicle(2.3m*2.3m)	D: 880m R: 220m I: 110m	D: 1300m R: 350m I: 180m	D: 2000m R: 500m I: 250m	D: 3000m R: 720m I: 360m	D: 4000m R: 1000m I: 500m

Video

Compression	H.264/MJPEG
Frame Rate	Main Stream: 1280*1024 (default)/720P @1 ~ 25/30fps Sub Stream: 640*512 (default)/320*256 @1 ~ 25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 640 ~ 8192Kbps
Motion Detetion	Off/On (4 zone, Rectangle)
Region of Interest	Off/On (4 zone)
Electronic Image Stabilization (EIS)	NA
Digital Zoom	24x
Flip	180°
Mirror	Off/On
Privacy Masking	Off/On (4 area, Rectangle)

Audio

Compression	G.711a/G.711Mu/AAC
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Intelligence

IVS	Tripwire, Intrusion, Object Abandon/Missing
Advanced Intelligent Functions	Fire detection & alarm

Network

Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Interoperability	ONVIF Profile S & G, PSIA, CGI
Streaming Method	Unicast/Multicast
Max. User Access	10 Users/20 Users
Edge Storage	micro SD (128GB) Memory status display (Normal/Error/Active/Formatting/Lock), NAS (Network Attached Storage), Local PC for instant recording
Web Viewer	<IE11, <Chrome45, <Firefox52
Management Software	KBiVMS , KBView
Smart Phone	Android, ios

Interface

Video Interface	1.0Vp-p/75Ω, PAL/NTSC (HDCVI Optional)
Audio Interface	1 Input
RS485	NA
Alarm	2/1 In/Out

Electrical

Power Supply	AC 24V/DC 12V/PoE
Power Consumption	Max. 7W

Environmental

Operating Condition	-40°C ~ +60°C (-40°F ~ +140°F)/Less than 95% RH * Start up should be done at above-40°C (-40°F)
Storage Conditions	-40°C ~ +70°C(-40°F ~ +158°F)Less than 95% RH
Ingress Protection	IP67

Construction

Casing	Metal
Dimensions	291mm× 103mm×97mm (11.46" x 4.06" x 3.82")
Net Weight	1.37Kg (3.02 lb)
Gross Weight	1.7Kg (3.75 lb)

Note:

① Effective distance values shown are nominal values and should be used as estimates only. Exact value calculations depend on a wide variety of conditions.

② D: Detection Distance

③ R: Recognition Distance

④ I: Identification Distance

Dimensions (mm/inch)

