



Thermal Imaging Network Bullet Camera



- VOx uncooled focal plane detector with 640×512 resolution
- NETD ≤ 40mK
- 9/15/25/35/50mm fixed lens optional
- Supports human and vehicle detection, as well as smoking and fire point detection.
- Intelligent Analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way detection, enter area, leave area, and people counting
- Support 3 temperature measurement rule types (spot, line, area)
- Temperature measurement range: -20°C to 150°C (-4°F to 302°F)
- Accuracy: ±2°C / ±2%
- Support 12VDC/24VAC/PoE power supply
- NDAA Compliance, IP66







Thermal Imaging Network Bullet Camera

Technical Specification	n						
Thermal Module							
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays						
Resolution	Sensor is 640×512. Image can be scaled up to 1280×1024						
Pixel Pitch	12µm						
NETD	≤ 40mK						
Spectral Range	8 to 14μm						
Focus Control	Fixed lens (Focus-Free)						
Focal Length	9 mm, 15 mm, 25 mm, 35 mm, 50 mm						
Aperture	F1.0						
Field of View (FoV)	9 mm: H: 48°, V: 38° 15 mm: H: 29°, V: 23° 25 mm: H: 17°, V: 14° 35 mm: H: 12°, V: 10° 50 mm: H: 8°, V: 7°						
Intelligent Analytics							
Smart Detection	Human and Vehicle detection, Fire point detection, and Smoking detection						
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way detection, Enter area, and Leave area (these functions support accurate detection of human / vehicles)						
People Counting	Support						
Thermal Function							
Temperature Range	-20°C to 150°C (-4°F to 302°F)						
Accuracy	±2°C/±2%						
Temperature Detection	3 temperature measurement rule types, 20 rules in total, 1 full screen, 19 others (spot, areas, line)						
Temperature Alarm	Temperature difference alarm, Threshold alarm, Temperature rise alarm						
Temperature Display	Display in the lower left corner; follow the cursor display of the highest temperature, lowest temperature or average temperature						
Response Time	≤30ms						
Video & Audio							
Main Stream	1280×1024, 1280×720, 640×512 @25fps						
Sub Stream	D1, CIF @25fps						
Bit Rate Control	CBR/VBR						
Bit Rate	Main stream: 100 Kbps to 8 Mbps Sub stream: 100 Kbps to 6 Mbps						
Region of Interest	Off/On (8 Zone, Rectangle)						
Audio Compression	G.711 A-law, G.711 μ-law, PCM						
Audio Bit Rate	64Kbps (G.711), 128 Kbps (PCM)						
Image							
Image Setting	Brightness, Contrast, Sharpness						
Mirror	Horizontal / Vertical / Horizontal + Vertical						
Pseudo-color Setting	Up to 17 colors (White-hot / Black-hot / Rainbow / Iron red / HSV /Bone / Cool / Copper / Fire-hot / Pink / Spring / Summer / Autumn / Winter / Jet / Flame / Rose -Bengal)						
FFC Control	Auto / Manual						
Noise Reduction	2D/3D DNR						
OSD	Up to 8 OSD						
Privacy Masking	Up to 4 areas						
Event							
Alarm Triggers	IVS, Temperature anomaly, Motion detection, Alarm Input, Disk alarm, Network alarm, Abnormal sound detection						
Alarm Events	Alarm record, Alarm output, FTP upload, SMTP upload, Audible alarm output						





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Production Pro	Network							
Ober/fivost tevel Up to 10 users, 3 levels: Administrator, Operator, Media user Secutivy Paddress lifter, encrysted HTTPS, lilegal login lock, IEEE 802.1x Net Viewer 4 Elt, Chrome, Firefox, Microsoft Edge Interface 4 Ethernet (10/100 Baser-T) RI-45 Connector Audio Interface 1 Ethernet (10/100 Baser-T) RI-45 Connector Audio Interface 1 ch (20/50 couput) BNC Interface 1 ch (20/50 couput) Control Interface 2 ch (20/50 couput) Control Interface 3 ch (20/50 couput) Control Interface 3 ch (20/50 couput) Control Interface 4 ch (20/50 couput)	Protocols							
Security IP address filter, encrypted HTTPS, Illegal login lock, IEEE 802.1x Web Viewer stELL, Chrome, Firefox, Microsoft Edge Interface I Ethernet (ID/100 Base-T) RI-45 Connector Audio Interface 1 Ethernet (ID/100 Base-T) RI-45 Connector Audio Interface 1 Ch Audio In, 1ch Audio Out Alarm Interface 1 ch (VRS output) Control Interface 1 ch (VRS output) Control Interface 1 ch IS-438 SD Card Slot Built-in, up to 5126B Reset Button Support Socard Slot Built-in, up to 5126B Reset Button Support Socard Slot Built-in, up to 5126B Reset Button Support Brown Support Power Supply 1 270C/24VAC/Poc (802.34f) Power Consumption Max SW Working Temperature/humidity 40°C to 60°C (40°Te 140°F), Humidity: 90% RH (non-condensing) Operating Humidity 40°C to 60°C (40°Te 140°F), Humidity: 90% RH (non-condensing) Certifications EE-EMC (EN 55032:2015*A11:2020, EN 55035:2017*A11:2020, EN 55035:2017*A11:2020, EN 55035:2017*A11:2020, EN 55035:2017*A11:2020, EN 55035:2017*A11:2020, EN 55035:2017*A11:2020, EN 5503	Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI						
Web Viewer AlE11, Chrome, Firefox, Microsoft Edge Interface Network Interface 1 Ethemet (10/100 Base-T) Ri-45 Connector Audio Interface 1 Ethemet (10/100 Base-T) Ri-45 Connector Audio Interface 1 Ethemet (10/100 Base-T) Ri-45 Connector Audio Interface 2 Ch Audio In, 2ch Audio Out BIC Interface 2 Ch Aurm In, 2ch Alarm Out BIC Interface 3 Le Richard Control Interface 2 Le Richard So Card Slot 8 Built-in, up to 51268 Reset Button 8 upport Breath 2 Support Breath 2 Support Breath 2 Support Brower Supply 1 2VPC/2VAKC/P6C (802 3ar) Power Supply 1 2VPC/2VAKC/P6C (802 3ar) Working Tempersture/Humidity 40°C to 60°C (-40°F to 140°F), Humidity: 90% RH (non-condensing) Operating Humidity 0 to 90 % RH Certifications CE-ETMIC (FNS 5332-2015+A1:2020, EN 55335:2017+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A1:2021, EN IEC 61000-3-3:2013+A1:2021, EN IEC 61000-4-3:2021, EN IEC 61000-4-3:2021, EN IEC 61000-4-3:202	User/Host Level	Up to 10 users, 3 levels: Administrator, Operator, Media user						
Interface I Ethernet (10/100 Base-T) RI-45 Connector Audio Interface 1 Ethernet (10/100 Base-T) RI-45 Connector Audio Interface 2 Ab Alarm In , 2 Ab Alarm Out BMC Interface 2 Ab Alarm Loy 2 Ab Alarm Out BMC Interface 1 Ch (VSS output) Control Interface 1 Ch (VSS output) SD Card Sol 8 Lish S-485 SD Card Sol 9 Use Pace Reset Button 9 Suport Cerebral Flagsia, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English Power Son Juny 1 2VDC/Z4VAC/PeE (802 3af) Power Consumption Max 5W Working Temperature/Humidity -40°C to SOC (-40°F to 140°F), Humidity: S90% RH (non-condensing) Operating Humidity -40°C to SOC (-40°F to 140°F), Humidity: S90% RH (non-condensing) Operating Humidity -40°C to SOC (-40°F to 140°F), Humidity: S90% RH (non-condensing) Operating Humidity -40°C to SOC (-40°F to 140°F), Humidity: S90% RH (non-condensing) Operating Humidity -40°C (CC 4° CEC 15), Subpart B, ANSI (63.4-2014) Name Power Consumption -40°C (CC 4° CEC 15), Subpart B, ANSI (63.4-2014) Name Power Consumption	Security	IP address filter, encrypted HTTPS, Illegal login lock, IEEE 802.1x						
Network Interface 1 Ethernet (10/100 Base-17) RI-45 Connector Audio Interface 1 ch Audio In, 1ch Audio Out Alarm Interface 2 ch Alarm (In, 2ch Alarm Out BNC Interface 1 ch (CVBs output) Control Interface 1 ch (CVBs output) SD Card Slot Bull-In, up to 512GB St Card Slot Support General Very Comment of Support Englage English Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English Power Supply 12VDC/24VAC/PoE (802.3af) Power Consumption Max SW Vorking Temperature/Humidity 40°C to 60°C (40°F to 140°F), Humidity: 590% RH (non-condensing) Operating Humidity 40°C to 60°C (40°F to 140°F), Humidity: 590% RH (non-condensing) Operating Function CE-EMC (ECN S032:2015-A11:2020, EN 5035:2017-A11:2020, EN 5030-4:2011-A1:2014, EN IEC 61000-63:2021, EN IEC 61000-3-2:2019-A1:2021, FNC (1000-3-3:2013+A2:2021) Profit (est) Son S03:2013-A1:2020, EN 5035:2017-A11:2020, EN 5030-4:2011-A1:2014, EN IEC 61000-63:2021, EN IEC 61000-3-2:2019-A1:2021, FNC (1000-3-3:2013+A2:2021) Burses Protection IP6 Material 4100:5 × 315.9 ~ 35.6 mm (ф1.74" × 12.44" ~ 13.88") Now Weight 4100:5 × 315.9 ~ 35	Web Viewer	<ie11, chrome,="" edge<="" firefox,="" microsoft="" td=""></ie11,>						
Audio Interface 1ch Audio Int, 1ch Audio Out Alarm Interface 2ch Alarm In, 2ch Alarm Out BNC Interface 1ch (CVBS output) Control Interface 1ch (CVBS output) Sto Card Slot Builtin, up to 512GB Reset Button 3cp (SVB) Breath 3cp (SVB) Breath 3cp (SVB) Burling 12vDC/24vAC/Pos (8802.3d) Power Supply 12vDC/24vAC/Pos (8802.3d) Power Supply 12vDC/24vAC/Pos (8802.3d) Working Temperature/Humidity 40°C to 60°C (40°F to 140°F), Humidity: \$90% RH (non-condensing) Operating Humidity 40°D to 90% RH Certifications CERMC (EN SS032:2015**A1:2020, EN S5035:2017**A11:2020, EN S50130-4:2014; AN 12045; EN EC 61000-3:2021, EN IEC 61000-3:2021, E	Interface							
Alarm Interface 2ch Alarm Out BNC Interface 1ch (CVBS output) Control Interface 1ch RS-485 SD Card Slot 8ubit-lin, up to 512GB Reset Button Support General	Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector						
BNC Interface 1ch (CVBS output) Control Interface 1ch RS-485 SD Card Slot Built-in, up to 512GB Reset Button Support Ceneral Language English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English Power Supply 12VDC/24VAC/PoE (802.3af) Power Consumption Max SW Working Temperature/Humidity -40°C to 60°C (-40°F to 140°F), Humidity: \$90% RH (non-condensing) Operating Humidity -40°C to 60°C (-40°F to 140°F), Humidity: \$90% RH (non-condensing) Operating Humidity -40°C to 60°C (-40°F to 140°F), Humidity: \$90% RH (non-condensing) Certifications CERMC (EN S5032;2015+A1:2020, EN S5035;2017+A1:2020, EN S50130-4;2011+A1:2014, EN IEC 61000-6:3:2021, EN IEC 61000-3:2:2019+A1:2021, FEC (FC C40°C F4 TCFR 15, Subpart 8, ANSI C63.4-2014) Material Metal Dimensions 4120.5 × 315.9 ° 352.6 mm (ф4.74° × 12.44° ~ 13.88°) Net Weight Jesciption Ordering Information 420.5 × 315.9 ° 352.6 mm (ф4.74° × 12.44° ~ 13.88°) RTPC6406KT-F25 Focal Length: 15mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F25 Focal Length: 25mm	Audio Interface	1ch Audio In, 1ch Audio Out						
Control Interface 1ch RS-485 SD Card Slot Built-in, up to 512GB Reset Button Support General Language English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English Power Supply 12VDC/24VAC/PoE (80.2.3af) Power Sonsuption Max SW Working Temperature/Humidity -40°C to 60°C (-40°F to 140°F), Humidity: 99% RH (non-condensing) Operating Humidity 0 to 90% RH Certifications CE-EMC (EN 55032:2015+A1:2000, EN 55035:2017+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A1:2021, EN CEC (EC 47 CER 15, Subpart B, ANSI C63.4-2014) NDAA 889 Ingress Protection IP66 Material Metal Metweight 4120.5 x 315.9° 352.6 mm (ф4.74" x 12.44" ~ 13.88") Net Weight 1,7kg (3.75lb) with 9mm lens Ordering Information Poscription RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F25 Focal Length: 25mm	Alarm Interface	2ch Alarm In, 2ch Alarm Out						
SC Card Slot Built-in, up to 512GB Reset Button Support General Language English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English Power Supply 12VDC/Z4VAC/PoE (802.3af) Power Consumption Max 5W Working Temperature/Humidity -40°C to 60°C (-40°F to 140°F), Humidity: \$90% RH (non-condensing) Operating Humidity 0 to 90% RH Certifications CE-EMC (EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021), EN 61000-3-3:2013+A2:2021), EN 61000-3-3:2013+A2:2021, EN 61000-3-3:2021, EN 61000-3-3:2	BNC Interface	1ch (CVBS output)						
Reset Button Support General Language English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English Power Supply 12VDC/24VAC/PoE (802.3af) Power Consumption Max SW Working Temperature/Humidity 40°C to 60°C (-40°F to 140°F), Humidity: ≤90% RH (non-condensing) Operating Humidity 0 to 90% RH Certifications Protection Piece-EMC (EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 550130-4:2011+A1:2014, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A1:2021, PN 61000-3-3:2013+A2:2021) FCC (FCA TCF 15, Subpart B, ANSI C63.4-2014) NDAA 889 Ingress Protection Pie6 Material Metal Dimensions d120.5 × 315.9 ~ 352.6 mm (ф4.74" × 12.44" ~ 13.88") Net Weight Jrag (37.5lb) with 9mm lens Ordering Information Model Description RTPC6406KT-F09 Focal Length: 9mm RTPC6406KT-F15 Focal Length: 15mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F25 Focal Length: 25mm	Control Interface	1ch RS-485						
GeneralLanguageEnglish, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishPower Supply12VDC/24VAC/PoE (802.3af)Power ConsumptionMax 5WWorking Temperature/Humidity-40°C to 60°C (-40°F to 140°F), Humidity: <90% RH (non-condensing)	SD Card Slot	Built-in, up to 512GB						
Language English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English Power Supply 12VDC/24VAC/PoE (802.3af) Power Consumption Max 5W Working Temperature/Humidity -40°C to 60°C (-40°F to 140°F), Humidity: \$90% RH (non-condensing) Operating Humidity 0 to 90% RH Certifications CE-EMC (EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A1:2021, EN IEC 61000-6-3:2021, EN IEC 6100	Reset Button	Support						
Power Supply 12VDC/24VAC/PoE (802.3af) Power Consumption Max 5W Working Temperature/Humidity -40°C to 60°C (-40°F to 140°F), Humidity: \$90% RH (non-condensing) Operating Humidity 0 to 90% RH Certifications CE-EMC (EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021) FC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014) NDAA 889 Ingress Protection IP66 Material Metal Dimensions dp120.5 × 315.9 ~ 352.6 mm (ф4.74" × 12.44" ~ 13.88") Net Weight 1.7kg (3.75lb) with 9mm lens Ordering Information Model Model Description RTPC6406KT-F09 Focal Length: 9mm RTPC6406KT-F15 Focal Length: 15mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F35 Focal Length: 35mm	General							
Power Consumption Max 5W Working Temperature/Humidity -40°C to 60°C (-40°F to 140°F), Humidity: ≤90% RH (non-condensing) Operating Humidity 0 to 90% RH Certifications CE-EMC (EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A1:2021, EN 610000-3-2:2019+A1:2021, EN 61000-3-2:2019+A1:2021, EN 61000-3-2:2019+A1:2021, EN 61	Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English						
Working Temperature/Humidity -40°C to 60°C (-40°F to 140°F), Humidity: s90% RH (non-condensing) Operating Humidity 0 to 90% RH Certifications CE-EMC (EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021), EC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014) NDAA 889 Ingress Protection IP66 Material Metal Dimensions ф120.5 × 315.9 ~ 352.6 mm (ф4.74" × 12.44" ~ 13.88") Net Weight 1.7kg (3.75lb) with 9mm lens Ordering Information Model Description RTPC6406KT-F09 Focal Length: 9mm RTPC6406KT-F15 Focal Length: 15mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F35 Focal Length: 35mm	Power Supply	12VDC/24VAC/PoE (802.3af)						
Operating Humidity 0 to 90% RH Certifications CE-EMC (EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014) NDAA 889 Ingress Protection IP66 Material Metal Dimensions \$\phi 12.0.5 \times 315.9 \times 352.6 \text{ mm } (\phi 4.74" \times 13.88")} Net Weight \$1.7kg (3.75lb) with 9mm lens Ordering Information Wodel Model Description RTPC6406KT-F09 Focal Length: 9mm RTPC6406KT-F15 Focal Length: 15mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F35 Focal Length: 35mm	Power Consumption	Max 5W						
Certifications CE-EMC (EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014) NDAA 889 Ingress Protection IP66 Material Metal Dimensions ф120.5 × 315.9 ~ 352.6 mm (ф4.74" × 12.44" ~ 13.88") Net Weight 1.7kg (3.75lb) with 9mm lens Ordering Information Model Description RTPC6406KT-F09 Focal Length: 9mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F35 Focal Length: 35mm	Working Temperature/Humidity	-40°C to 60°C (-40°F to 140°F), Humidity: ≤90% RH (non-condensing)						
CertificationsEN 61000-3-3:2013+A2:2021) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014) NDAA 889Ingress ProtectionIP66MaterialMetalDimensions\$120.5 × 315.9 ~ 352.6 mm (\$4.74" × 12.44" ~ 13.88")Net Weight1.7kg (3.75lb) with 9mm lensOrdering InformationModelDescriptionRTPC6406KT-F09Focal Length: 9mmRTPC6406KT-F15Focal Length: 15mmRTPC6406KT-F25Focal Length: 25mmRTPC6406KT-F25Focal Length: 35mm	Operating Humidity	0 to 90% RH						
Material Metal Dimensions \$\pmu\$120.5 \times 315.9 \circ 352.6 mm (\$\pmu\$4.74" \times 13.88") Net Weight \$1.7kg (3.75lb) with 9mm lens Ordering Information Model Description RTPC6406KT-F09 Focal Length: 9mm RTPC6406KT-F15 Focal Length: 15mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F35 Focal Length: 35mm	Certifications	EN 61000-3-3:2013+A2:2021) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014)						
Dimensions φ120.5 × 315.9 ~ 352.6 mm (φ4.74" × 12.44" ~ 13.88") Net Weight 1.7kg (3.75lb) with 9mm lens Ordering Information Model Description RTPC6406KT-F09 Focal Length: 9mm RTPC6406KT-F15 Focal Length: 15mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F35 Focal Length: 35mm	Ingress Protection	IP66						
Net Weight 1.7kg (3.75lb) with 9mm lens Ordering Information Model Description RTPC6406KT-F09 Focal Length: 9mm RTPC6406KT-F15 Focal Length: 15mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F35 Focal Length: 35mm	Material	Metal						
Ordering Information Model Description RTPC6406KT-F09 Focal Length: 9mm RTPC6406KT-F15 Focal Length: 15mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F35 Focal Length: 35mm	Dimensions	φ120.5 × 315.9 ~ 352.6 mm (φ4.74" × 12.44" ~ 13.88")						
Model Description RTPC6406KT-F09 Focal Length: 9mm RTPC6406KT-F15 Focal Length: 15mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F35 Focal Length: 35mm	Net Weight	1.7kg (3.75lb) with 9mm lens						
RTPC6406KT-F09 Focal Length: 9mm RTPC6406KT-F15 Focal Length: 15mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F35 Focal Length: 35mm	Ordering Information							
RTPC6406KT-F15 Focal Length: 15mm RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F35 Focal Length: 35mm	Model	Description						
RTPC6406KT-F25 Focal Length: 25mm RTPC6406KT-F35 Focal Length: 35mm	RTPC6406KT-F09	Focal Length: 9mm						
RTPC6406KT-F35 Focal Length: 35mm	RTPC6406KT-F15	Focal Length: 15mm						
	RTPC6406KT-F25	Focal Length: 25mm						
RTPC6406KT-F50 Focal Length: 50mm	RTPC6406KT-F35	Focal Length: 35mm						
	RTPC6406KT-F50	Focal Length: 50mm						





Thermal Imaging Network Bullet Camera

Thermal DRI Range Table

Note: The table is only for reference and the performance may vary according to different environment.

Note: The optimal detection, recognition, and identification distances are calculated according to Johnson's Criteria.

Detection Range: In order to distinguish an object from the background, the object must be covered by 1.5 or more pixels.

Recognition Range: In order to classify the object (animal, human, vehicle, etc.), the object must be covered by 6 or more pixels.

Identification Range: In order to identify the object and describe it in details, the object must be covered by 12 or more pixels.

9	, ,	, ,	, ,		
Focal Length	9mm	15mm	25mm	35mm	50mm
Detection Distance (Humans: 1.8×0.5m)	375m (1,230.3ft)	625m (2,050.5ft)	1,042m (3,418.6ft)	1,458m (4,783.5ft)	2,083m (9,196.2ft)
Detection Distance (Vehicles: 4×1.5m)	1,150m (3,773ft)	1,917m (6,289.3ft)	3,194m (10,479ft)	4,472m (14,672ft)	6,389m (20,961ft)
Recognition Distance (Humans: 1.8×0.5m)	94m (308.4ft)	156m (511.8ft)	260m (853ft)	365m (1,197.5ft)	521m (1,709.3ft)
Recognition Distance (Vehicles: 4×1.5m)	288m (944.9ft)	479m (1,571.5ft)	799m (2,621.4ft)	1,118m (3,668ft)	1,597m (5,239.5ft)
Identification Distance (Humans: 1.8×0.5m)	47m (154.2ft)	78m (255.9ft)	130m (426.5ft)	182m (597.1ft)	260m (853ft)
Identification Range (Vehicles: 4×1.5m)	144m (472.4ft)	240m (787.4ft)	399m (1,309ft)	559m (1,834ft)	799m (2,621.4ft)

Thermal Smart Detection Distance Range Table

Note: The table is for reference only. The distances within it are subject to actual conditions including atmospheric conditions, target size, the installation site, and more.

Focal Length	9mm	15mm	25mm	35mm	50mm
VCA Detection Distance (Human: 1.8×0.5m)	40m (131.2ft)	65m (213.3ft)	101m (331.4ft)	160m (524.9ft)	235m (771ft)
VCA Detection Distance (Front/Rear of Vehicle: 4×1.5m)	65m (213.3ft)	130m (426.5ft)	230m (754.6ft)	320m (1,049.9ft)	400m (1,312.3ft)
Temperature Measurement (Object: 1× 1m)	150m (492.1ft)	250m (820.2ft)	417m (1,368.1ft)	583m (1,912.7ft)	833m (2,732.9ft)
Temperature Measurement (Object: 0.2×0.2m)	30m (94.4ft)	50m (164ft)	83m (272.3ft)	117m (383.9ft)	167m (547.9ft)
Fire Detection (Object: 1×1m)	375m (1,230.3ft)	625m (2,050.5ft)	1,042m (3,418.6ft)	1,458m (4,783.5ft)	2,083m (9,196.2ft)
Fire Detection (Object: 0.2×0.2m)	75m (246.1ft)	125m (410.1ft)	208m (682.4ft)	292m (958ft)	417m (1,368.1ft)





Thermal Imaging Network Bullet Camera

Accessories

Optional:



RCBK645G Junction Box



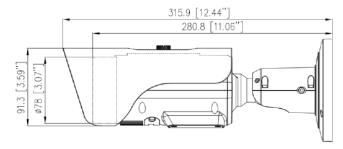
RCBK101A Pole Mount

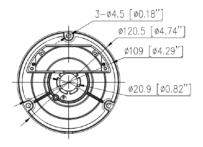


RCBK102A Corner Mount

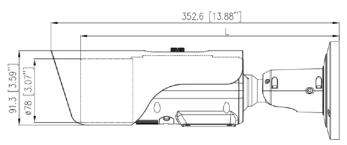
Dimensions (mm)

F9/F15 mm Lens





F25/F35/F50 mm Lens



f50 L=316.5mm[12.46"]

f35 L=305.3mm[12.02"]

f25 L=296.8mm[11.69"]

