

THERMAL SCOPE

LK SERIES



Shutterless



Real-time Denoising



Laser Ranging 1200m



Max Shock Resistance 2000g



Work Normally at -30°C



IP67

SERIES	LK-IR				LK-LR											
	LK-IR-E19	LK-IR-E25	LK-IR-Q35	LK-IR-Q55	LK-IR-E35	LK-IR-E50	LK-IR-Q55	LK-IR-Q75	LK-LR-E19	LK-LR-E25	LK-LR-E35	LK-LR-E50	LK-LR-Q35	LK-LR-Q55	LK-LR-Q75	
Model	LK-IR-E19	LK-IR-E25	LK-IR-Q35	LK-IR-Q55	LK-IR-E35	LK-IR-E50	LK-IR-Q55	LK-IR-Q75	LK-LR-E19	LK-LR-E25	LK-LR-E35	LK-LR-E50	LK-LR-Q35	LK-LR-Q55	LK-LR-Q75	
Detector	Uncooled VOx Microbolometer															
Resolution/Pixel Pitch	384×288/12μm				640×512/12μm				384×288/12μm				640×512/12μm			
Objective Lens	19/25/35/50mm				35/55/75mm				19/25/35/50mm				35/55/75mm			
Field of View	13.9°×10.4° / 10.6°×7.9° 7.5°×5.7° / 5.3°×4.0°				12.6°×10.1° 8.0°×6.4° / 5.9°×4.7°				13.9°×10.4° / 10.6°×7.9° 7.5°×5.7° / 5.3°×4.0°				12.6°×10.1° 8.0°×6.4° / 5.9°×4.7°			
Visual Magnification	1.83~7.32 / 2.41~9.63 3.37~13.48 / 4.82~19.26				1.98~7.9 3.1~12.42 / 4.23~16.93				1.83~7.32 / 2.41~9.63 3.37~13.48 / 4.82~19.26				1.98~7.9 3.1~12.42 / 4.23~16.93			
Spectral Band	8~14μm															
Frame Rate	50Hz															
NETD	≤ 25mk@300K															
Display	0.39" OLED 1024x768															
Digital Zoom	1x, 2x, 4x															
Eyepiece Diopter	-5 ~ +5															
Eye Relief	45mm															
Laser Ranging	/							1200m								
Power Supply	Two 18650 Li-ion Batteries															
Operating Time	≥ 8h															
Weight (Without Battery)	≤570g (19/25/35mm) ≤620g (50mm)				≤570g (35mm) ≤635g (55mm) ≤720g (75mm)				≤670g (19/25/35mm) ≤720g (50mm)				≤670g (35mm) ≤735g (55mm) ≤820g (75mm)			
Dimensions	221x83x66mm							221x83x100mm								
Interface	Type-C (optional external power supply)															
Operating Temperature	-30°C ~+55°C															
Protection Rating	IP67															
Reliability	≥ 1200g Shock Resistance (19/25/35mm) ≥ 2000g Shock Resistance (50/55/75mm)															
Altitude	≥ 5000m															
Detection Range (Human)	19mm/1800m 25mm/2370m 35mm/3310m 50mm/4730m 55mm/5200m 75mm/7090m															
Detection Range (Vehicle)	19mm/2430m 25mm/3200m 35mm/4480m 50mm/6390m 55mm/7030m 75mm/9590m															