



K Series Thermal Imaging Cameras

- Dropproof to 6.5 ft./2m
- Easy-to-use in a firefighter's gloved hand

Expanded lineup of thermal imaging cameras (TICs) features Flexible Scene Enhancement (FSX) to give you sharp, detailed views of firefighting scenes, from inside, outside, and above the fire—even through thick smoke.

FLIR K1, K2, K33, and K53 Powerful TICs—Standard-issue TICs designed for every firehouse. Provide each crew member with an affordable camera so everyone has the essentials for working faster and safer.

FLIR K45, K55, and K65 High-Performance TICs—High-performance cameras with FSX enhancement offer detailed, rich imagery on a large, bright 4" LCD. Navigate the smokiest environments and instantly distinguish people, room features, and make critical decisions in the field.



48GE63



48GE64

Temp. Range (F)	Temp. Range (C) - Infrared	Display Resolution	Thermal Sensitivity	Frame Rate	Special Features	Mfr. Model	Item No.
Powerful							
Designed to Meet NFPA 1801:2013, Power Supply Meets CE/EN/UL/CSA/PSE 60950-1							
14°F to 284°F	-10°C to 140°C	320 x 240 Pixels	100 mK	9 Hz	Pocket Portable, Attaches Easily to Belt	K1	55CH82
14°F to 752°F	-10°C to 400°C						
-4° to 932°	-20° to 500°	320 x 240 Pixels	100 mK	9 Hz	MSX Enhancement, Easy-to-Use Even with Gloves On, IP67 Waterproof	K2	48GE63
-4° to 1202°	-20° to 650°	320 x 240 Pixels	40 mK	60 Hz	FSX Enhancement, Easy-to-Use Even with Gloves On, IP67 Waterproof	K33	485C94
-4° to 1202°	-20° to 650°	320 x 240 Pixels	30 mK	60 Hz	FSX Enhancement, Easy-to-Use Even with Gloves On, IP67 Waterproof	K53	485C95
High Performance							
Certified to NFPA 1801:2013, Meets Class I Division 2 Gas Groups C and D T4, Power Supply meets CE/EN/UL/CSA/PSE 60950-1							
-4° to 1202°	-20° to 650°	320 x 240 Pixels	30 mK	60 Hz	FSX Enhancement, Easy-to-Use Even with Gloves On, In Camera Up to 5 Min Video Storage, Manually Store 200 Images, IP67 Waterproof	K65	48GE66
Designed to Meet NFPA 1801:2013, Power Supply Meets CE/EN/UL/CSA/PSE 60950-1							
-4° to 1202°	-20° to 650°	320 x 240 Pixels	40 mK	60 Hz	FSX Enhancement, Easy-to-Use Even with Gloves On, IP67 Waterproof, Manually Store 200 Images	K45	48GE64
-4° to 1202°	-20° to 650°	320 x 240 Pixels	30 mK	60 Hz	FSX Enhancement, Easy-to-Use Even with Gloves On, In Camera Up to 5 Min Video Storage, Manually Store 200 Images, IP67 Waterproof	K55	48GE65



IR windows support safe infrared image capture and NFPA compliance with FLIR or competitive cameras



Visible light is clearly transmitted to capture visual as well as infrared images (LED lamps recommended)



IR windows can be used indoors or outdoors and support Laser LocatIR targeting

Infrared Inspection Windows



- Broadband crystal is compatible with all infrared cameras and UV, visual, and fusion inspections
- Can be mounted on steel and Lexan panels
- Indoor and outdoor use

Constructed to make thermographic inspection of energized electrical systems as fast and safe as possible, without added expense. Arc-resistant to protect against arc flash incidents. Visible light is transmitted clearly for image capture, although LED lamps are recommended for optimal results. Laser LocatIR targeting is supported for precise data collection.

Each is complete with IR window in an aluminum or stainless steel frame with a hinged cover and calcium fluoride lens. PIRma-lock installation system secures the window assembly safely in place. Permanent identification can be marked on the integrated label area for reference. Limited lifetime warranty against manufacturer defects.



11Y559



493N53

Crystal Insert Size	Window Thickness	Aluminum		Stainless Steel	
		Mfr. Model	Item No.	Mfr. Model	Item No.
Round Infrared Window					
50mm dia	2 mm	IRW-2C	11Y558	IRW-2S	30ZY73
75mm dia	2 mm	IRW-3C	11Y559	IRW-3S	30ZY74
95mm dia	4 mm	IRW-4C	11Y560	IRW-4S	30ZY75
Rectangle Infrared Window					
206mm H x 305mm W	3 mm	IRW-12PC	493N50	IRW-12PS	493N53
218mm H x 160mm W	3 mm	IRW-6PC	493N49	IRW-6PS	493N52
218mm H x 610mm W	3 mm	IRW-24PC	493N51	IRW-24PS	493N54