





## **\$FLIR**.

## **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.

Temp. Range (F)	Temp. Range (C) - Infrared	Display Resolution	Thermal Sensitivity	Frame Rate	Special Features		Item No.					
Powerful												
Designed to Meet NFPA 1801:2013, Power Supply Meets CE/EN/UL/CSA/PSE 60950-1												
14°F to 284°F, 14°F to 752°F	-10°C to 140°C, -10°C to 400°C	320 x 240 Pixels	100 mK	9 Hz	Pocket Portable, Attaches Easily to Belt	K1	55CH82					
-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					
<b>High Performance</b>												
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 Mee	ts 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.

		Aluminum		Stainless Steel		
	Window	Mfr.	Item	Mfr.	Item	
Crystal Insert Size	Thickness	Model	No.	Model	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	
<b>Rectangle Infrared Window</b>						
206mm H x 305mm W	3 mm	IRW-12PC	493N50	IRW-12PS	493N53	
218mm H x 160mm W	3 mm	IRW-6PC	493N49	_	_	
218mm H x 610mm W	3 mm	IRW-24PC	493N51	IRW-24PS	493N54	