

# FirePRO™ 300

PERSONAL THERMAL CAMERA FOR  
IMPROVED SITUATIONAL AWARENESS  
AND FIREFIGHTER SAFETY

## KEY CAMERA SPECS

Resolution	320 x 240
Field of View	57° x 42°
Durability	IP67 waterproof, 2 meter drop
Detection	-20°C to 550°C (-4°F to 1022°F)
Imaging	Mixed Gain with SV1
Flashlight	300 Lumen LED

Seek™  
thermal

thermal.com

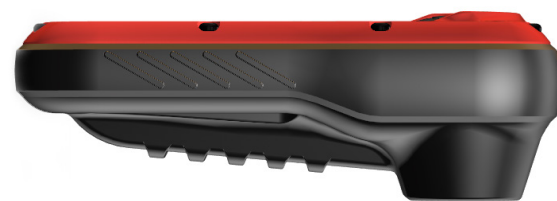


PN: FQ-AAAX

FirePRO 300 - the best innovation in personal thermal imaging. With FirePRO 300, you can equip every firefighter with an affordable and lightweight thermal camera to enhance situational awareness and improve firefighter safety.

Featuring our high resolution 320 x 240 sensor, FirePRO 300 provides firefighters with the ability to regain orientation in low visibility or blackout conditions. Additionally, Seek's game-changing Mixed Gain technology allows firefighters to see detail in the hottest and coolest regions of the scene at the same time without freezing and switching modes. Investing in a personal thermal imaging camera is an investment in your personal safety.

Designed and manufactured in the USA with global components. Thermal sensor designed and manufactured by Seek Thermal in Santa Barbara, CA USA.



## KEY FEATURES

### Made to endure and designed to be lightweight

Weighs just 325 grams and is IP67 waterproof with 2 meter drop durability

### Mixed Gain with SV1 Image Optimization

See the hottest and coolest regions of the scene simultaneously without freezing or switching gain modes; details enhanced with SV1

### Fast Frame Rate, High-Resolution Sensor

320 x 240 sensor size with 76,800 individual temperature pixels refresh 25 times a second

### Up to 6 hours of use on a single charge

Long lasting rechargeable battery ensures FirePRO 300 is always ready

### Ergonomic 90° viewing angle

90° viewing angle makes pointing the camera as easy as a cell phone

## BENEFITS

### Improve situational awareness

Visualize hazards invisible to the naked eye and navigate safely

### Find your way out in zero visibility conditions

FirePRO 300 is your lifeline to regain orientation and reduce maydays

### Execute the mission faster

Quickly locate victims and hot spots when every second counts

### Reduce the potential for rekindles

Multiple firefighters can use Survey Mode during overhaul

### Redundancy

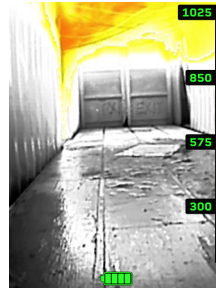
Serves as a redundant backup to the team's decision making TIC

**TECHNICAL SUMMARY**

SPECIFICATIONS	FIREPRO 300
Thermal Sensor	320 x 240
Field of View	57° x 42°
Germanium Window	Yes
Video Recording	Yes
Image Capture	Yes
Temperature Range	-4° to 1,022°F (-20° to 550°C)
Operating Temp (no limit)	-4° to 185°F (-20° to 85°C)
Operating Temp (5 min)	302°F (150°C)
Operating Temp (1 min)	500°F (260°C)
Frame Rate	> 25 Hz FastFrame
IP Rating	IP67 Waterproof
Impact Resistance	2 meter drop
Flashlight	300 Lumen LED
Display	2.8" TFT 320 x 240 screen resolution
Thermal Sensitivity	< 35 mK with SV1
Viewing Angle	Ergonomic 90° viewing angle
Imaging Modes	FIRE (with TI Basic & TI Basic +) and SURVEY
Size: H x W x D	5.3 x 3 x 1.8 inches (135 x 76 x 46 mm)
Weight	0.7 lbs (325 grams)
Battery Life	6 hours in thermal only 3.5 hours with flashlight on

**IMAGING MODES**

All modes use Mixed Gain with SV1 Image Optimization



**FIRE MODE**  
Using TI BASIC  
(Without Spot Temp)



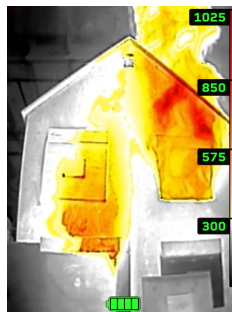
**FIRE MODE**  
Using TI BASIC+  
(With Spot Temp)



**SURVEY MODE**  
With Spot Temp



**SAMPLE IMAGES**



Seek more at [thermal.com](http://thermal.com)

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Seek Thermal engineers, designs and manufacturers high quality thermal imaging products and core platforms for consumer, commercial, and heat sensing IoT data applications. With headquarters in Santa Barbara, California, the global hub of thermal imaging innovation, the company has developed breakthrough thermal imaging camera cores that will enable a range of affordable products for use at home, work and play. For more information visit [thermal.com](http://thermal.com) and follow #seekthermal on Instagram and @seekthermal on Twitter.