

3M™ Scott™ V320 Thermal Imager



The 3M Scott V320 Thermal Imager is a **compact, tactical, and high-performance** thermal imaging unit designed specifically for firefighting teams and emergency responders. Offered by **IST Safety Ltd (IST İşçi Sağlığı Teçhizatı)**, this device provides critical situational awareness by enabling firefighters to see clearly in zero-visibility environments filled with smoke or darkness.

Equipped with a 320x240 high-resolution sensor, the V320 delivers superior image quality. The unit is optimized for pinpointing the seat of a fire (hotspots), detecting hidden fire extensions, and rapidly locating casualties under heavy smoke conditions. With its simple one-button operation and ergonomic design easily handled even with gloves, it serves as a reliable guide during high-stress interventions. Its extended battery life and rugged, impact-resistant construction ensure uninterrupted performance in the harshest fireground environments.

Usage Areas

- **Firefighting:** Navigating through heavy smoke in structural, industrial, and warehouse fires, locating fire sources, and monitoring overhaul operations.
- **Search & Rescue (SAR):** Detecting casualties in dark or smoke-filled confined spaces, manholes, or collapsed structures based on body heat signatures.
- **Industrial Safety:** Identifying overheating pipelines, leaks, or electrical fault points in refineries and petrochemical plants.
- **Wildland Firefighting:** Tracking fire lines and identifying hidden embers in low-visibility forest fire conditions.

320x240 High-Resolution Sensor - Provides clear images, enabling firefighters to navigate through limited-visibility conditions

Extended Battery Life - Up to eight-hour runtime with a removable, rechargeable battery

Single-Button Operation - Single-button ON/OFF provides easy deployment; No menus required

There are a total of 4 kit variants:

- **3M™ Scott™ V320 Thermal Imager 9Hz Fahrenheit Kit**
- **3M™ Scott™ V320 Thermal Imager 25Hz Fahrenheit Kit**
- **3M™ Scott™ V320 Thermal Imager 9Hz Celsius Kit**
- **3M™ Scott™ V320 Thermal Imager 25Hz Celsius Kit**

TECHNICAL DETAILS

- 320x240 High-Resolution Sensor - Provides clear images, enabling firefighters to navigate through limited-visibility conditions
 - Extended Battery Life - Up to eight-hour runtime with a removable, rechargeable battery
 - Single-Button Operation - Single-button ON/OFF provides easy deployment; No menus required
- 3.5" High-Contrast Display - Ensures the image on the display can be seen in multiple light conditions
- Fast Startup Time - Ready for use within five seconds of activating the power button – without the use of a standby mode
 - Lightweight and Durable - Designed to withstand the extreme conditions
- Ergonomics - Balanced for ease of use in bare or gloved hands

The 3M™ Scott™ V320 Thermal Imager is where tactical meets practical. Equipped with extended battery life, providing up to 8 hours of continuous runtime, the V320 gives firefighters mission critical information to help make better decisions in extreme conditions.

Developed with firefighter feedback, the V320 incorporates a 320x240 high-resolution sensor that enables firefighters to navigate through limited visibility conditions. The lightweight and ergonomic design utilizes a single-button operation to enable easy deployment and a fast startup time helps to ensure the imager is ready to go when you are, without the need for a standby mode.



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