



## 3M™ Scott™ Sight In-Mask Thermal Imager With Pro Package



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**Question**

What is the 3M™ Scott™ Sight In-Mask Thermal Imager?

**Answer**

Sight is the industry's first, hands-free, in-mask thermal imaging system. A mask-mounted thermal imaging camera displays the thermal image on an in-mask display via a Bluetooth® connection.

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**Question**

What are the standard features of the 3M™ Scott™ Sight In-Mask Thermal Imager?

**Answer**

Sight offers many standard features, including the ability to view a 160×120 image resolution at 9 frames per second, completely hands-free. In addition, the in-mask display has a configurable user interface, featuring grayscale or color imagery and programmable temperature settings. Other features include an infinity lens.

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**Question**

What is Sight Pro Package?

**Answer**

Sight Pro Package enables new, advanced features to provide firefighters with greater situational awareness during fireground operations, including hot-spot tracker, cold-spot tracker, and tactical video recording.

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**Question**

What is hot-spot tracker and cold-spot tracker?

**Answer**

Hot-spot tracker identifies the hottest spot within the thermal imaging camera's field of view and displays its relative temperature. Hot-spot tracker is a tool that can be used during overhaul, search and rescue, and risk assessment. Cold-spot tracker identifies the coldest part of the scene and displays its relative temperature. Cold-spot tracker is a tool that can be used during hazmat incidents to assist in locating gas leaks.

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**Question**

What is tactical video recording?

**Answer**

Tactical video recording allows you to automatically record all of the information that is being displayed on the in-mask display. This may be useful in documenting fire scene operations for evidence collection and training.

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**Question**

How does tactical video recording work?

**Answer**

Tactical video recording begins as soon as the thermal imager is powered on. The recording will contain all of the information on the in-mask display. The thermal imaging camera is able to store up to 30 hours of video. If the video is not downloaded, the camera will automatically overwrite the oldest video files. The files are saved in an MP4 format and can be watched on free viewers such as QuickTime® by Apple® or Real® Player.

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**Question**

How many hours of video will the Sight in-mask thermal imager memory store?

**Answer**

The internal memory will hold approximately 30 hours of video. The system will begin overwriting the oldest saved video files once the internal memory reaches full capacity.

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**Question**

How do I download the video recordings?

**Answer**

Tactical video recordings may be downloaded using the Scott Connect Sight Programmer application and Universal Bluetooth® Programmer. Each video is saved in five-minute increments and you can select the videos you wish to download or delete.

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**Question**

How does the automatic shut-off feature work?

**Answer**

The Sight in-mask thermal imager (version 1.2 and Pro Package) is equipped with an accelerometer that will automatically power off the system if there is no movement detected over 15 minutes. In this case, a warning will be displayed on the in-mask display to notify the user that the Sight is powering off. The accelerometer functions similar to a PASS device.

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**Question**

Can the automatic shut-off feature be disabled?

**Answer**

Yes. The automatic shut-off feature can be enabled or disabled using the 3M Scott Sight mobile configuration application. You can also change the time required with no movement before the system begins the automatic shut-off feature. The default time is 45 minutes.

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**Question**

What is the battery life for the 3M™ Scott™ Sight In-Mask Thermal Imager?

**Answer**

The Sight in-mask thermal imager has a nominal 4-hour battery life using standard AAA batteries.

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**Question**

Can I purchase the 3M™ Scott™ Sight In-Mask Thermal Imager and then upgrade to Pro Package at a later time?

**Answer**

Yes. You can upgrade your Sight in-mask thermal imager to the Pro Package feature set at any time after the initial purchase. The upgrade will require the Sight in-mask thermal imager to be returned to a 3M Scott authorized service center for the upgrade.

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**Question**

Can I upgrade to Pro Package if I purchased an earlier model Sight in-mask thermal imager?

**Answer**

Yes. 3M Scott Fire & Safety will release an upgrade program for existing Sight in-mask thermal imager users. The upgrade will include new hardware and firmware. The only feature that will not be included as part of the upgrade is the accelerometer based shut-off. However, you will be able to use a timer-based, automatic shut-off feature that is independent of movement.

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**Question**

Will the 3M™ Scott™ Sight In-Mask Thermal Imager add more weight to the facepiece?

**Answer**

The Sight in-mask thermal imager weighs just 8 ½ oz. It gives firefighters the ability to move more efficiently through a smoke-filled environment and quickly find an exit path in the event of an emergency, hands-free.

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**Question**

Will the 3M™ Scott™ Sight In-Mask Thermal Imager work on my AV-2000 facepiece?

**Answer**

No. The Sight in-mask thermal imager is only compatible with the AV-3000 HT facepiece.

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**Question**

Is a new fit test required when using a facepiece equipped with the Sight in-mask thermal imager?

**Answer**

It is recommended that a new fit test be performed before deploying the Sight in-mask thermal imager.

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**Question**

Can the mask-mounted thermal imaging camera be shared with others?

**Answer**

Not easily. The mask-mounted thermal imaging camera is meant to be “married” to the in-mask display through a Bluetooth connection. This is to prevent cross-pairing of devices on scene. If the camera is passed to another person, they will need to pair that camera with their display. This is not recommended during usage.

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**Question**

Can I clean the facepiece with the in-mask display installed?

**Answer**

The in-mask display is IP66 compliant and can withstand exposure to water during facepiece cleaning. However, removing the in-mask display from the facepiece does allow for easier access and a more thorough cleaning of the display, while also decreasing drying time.

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**Question**

What if I require the use of a spectacle kit?

**Answer**

The spectacle kit is not designed for use with the Sight in-mask thermal imager due to obstruction of the in-mask display when installed.

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**Question**

Will the 3M™ Scott™ Sight In-Mask Thermal Imager interfere with my radio frequency?

**Answer**

No. The Sight in-mask thermal imager electronics are isolated and will not interfere with radio transmissions.

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**Question**

What is the warranty on the 3M™ Scott™ Sight In-Mask Thermal Imager?

**Answer**

The Sight in-mask thermal imager comes with a standard two-year warranty.

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**Question**

Do you think Sight in-mask thermal imager will eventually replace hand-held thermal imagers within the fire service?

**Answer**

The Sight in-mask thermal imager is not a replacement for higher-performance, search and rescue thermal imagers available today. Those hand-held thermal imagers, such as the 3M™ Scott™ X380N Thermal Imager, feature large displays with high resolution. The X380N thermal imager offers a set of features designed to optimize search and rescue operations, enabling recognition of potentially dangerous thermal conditions. On the other hand, the Sight in-mask thermal imager delivers an altogether new set of capabilities to increase the level of safety and drive improved situational awareness to every firefighter on the fireground.

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