



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



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.

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, 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.

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.

Question

What are 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.

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.

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.

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.

Question

How do I download the video recordings?

Answer

Tactical video recordings may be downloaded using the 3M™ Scott™ Sight Programmer utility 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.

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.

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.

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.

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.

Question

Can I upgrade to Pro Package if I purchased an earlier model of the 3M™ Scott™ 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.

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.

Question

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

Answer

No. The Sight in-mask thermal imager is only compatible with the 3M™ Scott™ AV-3000 HT Facepiece.

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.

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.

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.

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.

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.

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.

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.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

**3M Scott Fire & Safety**

Personal Safety Division
Monroe Center, P.O. Box 569
Monroe, NC 28111

Phone 1-800-247-7257
Email US-3M-ScottMonroeCSR@mmm.com
Web 3M.com/ScottFire
3M.ca/ScottFire

3M and Scott are trademarks of 3M. Used under license in Canada.
All other trademarks are the trademarks of their respective owners.
© 2022, 3M. All rights reserved. 2112-22589 E