
Seek Scan Software Release Notes

Version 1.9.1.0

Release Date: January 20, 2021

- **New 'Low Skin Temperature' setting (Adaptive Mode Only)**
 - To help increase the stability of the adaptive algorithm, Seek Scan will now display "SKIN TEMP TOO LOW" for subjects with abnormally low skin temperatures instead of an estimated body temperature. In the general settings menu, the administrator can choose to designate these subjects with a "PASS" or prompt the subject to "RESCAN IN 3 MINUTES". A rescan allows the subject's skin time to acclimate to normal temperatures when entering a temperature-controlled environment and is recommended by Seek Thermal.
- **"RESCAN Low Temp" API Notes**
 - RESCAN events will have a disposition of "2". A new parameter has been added to query calls to include RESCAN events in the query. By default, RESCAN events are not included. For the estimated body temperature parameter, a value of "" is entered in the database. RESCAN events are not broadcast over UDP and TCP notifications.
- **"PASS Low Temp" API Notes**
 - PASS events have a disposition of "1", and broadcast a PASS notification. For the estimated body temperature parameter, a value of "" is entered in the database.
- **Additional Note for API Users:**
 - The new 'Low Skin Temperature' feature was designed to be compatible with legacy systems and databases. [View the latest Seek Scan API guide](#) for more detail. If you encounter any unexpected issues with v1.9.1.0, you can revert your system to [1.8.1.8, accessible for download here](#).

Version 1.8.1.8

Release Date: October 21, 2020

- **New Kiosk Mode:**
 - Kiosk Mode lets you lock the Windows Screen so that only Seek Scan Software is visible. When in Kiosk Mode, Seek Scan settings cannot be accessed or adjusted, providing additional security for Seek Scan operators.
- **New View Modes:**
 - Choose between 5 different viewing modes.
 - Classic View: Includes a daylight camera, thermal camera, and graphical history
 - Split View: Includes a daylight camera and thermal camera side-by-side
 - Original View: Includes a full screen daylight camera
 - Thermal View: Includes a full screen thermal camera
 - Text View: Removes all imagery and only displays text results
- **New Color Palette Available:**
 - Now you can choose to display your thermal image in Seek's Spectra color filter!
- **Additional Enhancements and Improvements:**
 - We added a new option to "Mirror Image." When enabled, this option flips the camera view to display the image back to the users as if they are looking into a mirror.
 - We added a new option to include or exclude the Pass/Fail results in a banner overlaid in the image for email alerts.

- API – RTSP Streaming Improvements

Version 1.7.1.3

Release Date: September 8, 2020

- Patch release update:
 - Email stability improvements to 1.7.1.0

Version 1.7.1.1

Release Date: September 2, 2020

- Patch release update:
 - Stability improvements to 1.7.1.0

Version 1.7.1.0

Release Date: September 1, 2020

- **Newly enhanced graphical user interface (GUI)**

We have streamlined the software GUI to provide a cleaner and more intuitive system for operators and the subjects being scanned. The new software supports full screen viewing and allows you to resize and minimize the viewing window.
- **Save and download images**

Now you can save images to the encrypted Seek Scan database running on the Windows C-Drive. From the Station Settings menu, you can export a .zip file with two folders, PASS & FAIL, containing scan images from the last 24 hours.
- **RTSP Streaming Video**
 - Unicast RTSP video streaming allows you to view a live stream of the Seek Scan camera on your network and provides integration capabilities with common platforms like video management systems and network digital video recorders.
 - To learn more about streaming video and other networking capabilities, [please request API access.](#)
- **Software Update Control**
 - We added the ability to disable 'Check for updates' on start up.
 - Additionally, we added a manual 'Check for updates' link to the About menu.

Version 1.6.1.6

Release Date: August 3, 2020

- Patch release updates:
 - Daylight Camera Stability Improvements
 - Windows 7 Capability Improvements
 - Data Improvements: Temperature data now rounded to a tenth of a decimal place (0.1)

Version 1.6.1.0

Release Date: July 28, 2020

- **Email Alerts Now Available!**

Customers can now receive email alerts when someone measures above the customizable alarm

temperature. You can include an image of the subject in the email alert as well.

- **Improved Detection Algorithms**
Seek Scan will now target the eyes even better than before. Please be sure to REMOVE GLASSES, eye gear, or any objects that could be covering the eyes to ensure the most accurate readings.
- **New Stability Algorithms and Icon**
Seek Scan has a new Heat Source Stability icon that alerts the user when the system is not ready for measurement. See updated [FAQs](#) and [User Manual](#) for more information.
- **Updated Adaptive Algorithm**
We have taken your feedback and implemented improvements to account for more conditions and environments. Please continue to provide us feedback!
- **New Encrypted Database**
Seek is moving to a SQLite database with 256-bit encryption and SALT verification using Seek Scan hardware. This will allow users to store data securely and safely. Seek will continue to write temperature scan logs to the .csv file on the C drive as before; however, this option will provide users a safer way to store their data.
- **Name or Identify a Station/System**
Seek Scan now offers the ability to name your system station, i.e.: "Back Door Entrance Camera"
- **Update to Application Programming Interface (APIs)**
Seek Scan now offers customers a full API set with the ability to put their camera on a network to receive live scan data, query information, control the camera and more. Please see [API Request](#) for more details about UDP and TCP Networking Capabilities

Version 1.4.3.9

Release Date: June 10, 2020

- Fast follow patch release to improve daylight camera stability

Version 1.4.3.6

Release Date: June 9, 2020

- **Improvements to "Adaptive" Offset Beta Feature:** On May 27, 2020, we introduced "Adaptive" Body Temp Offset as a beta feature with the 1.4.1.4 release. Today we are releasing an update to improve the Adaptive algorithm and we encourage you to try it and provide your feedback. Please contact us with your feedback by submitting a ticket on our support site: <https://support.thermal.com/hc/en-us/requests/new>
- **System Stability Improvements:** Some Seek Scan users have opted in to send Seek Thermal anonymous system data through the "Send Diagnostic Data" feature released with 1.4.1.4. This data has helped Seek Thermal identify and fix minor bugs and improve stability issues experienced by some users.

Version 1.4.1.4

Release Date: May 27, 2020

- **New Beta Feature:** "Adaptive" body temperature offset. Similar to an infrared temporal thermometer, Seek Scan uses skin temperature as a proxy to estimate body temperature. Skin temperature is typically a few degrees cooler than internal body temperature so an adjustable offset of a few degrees (default of

2.16F) is added to the skin temperature reading to produce an estimated body temperature. The new “Adaptive” feature uses statistical analysis to determine the appropriate average offset for your population in real time. This should allow the system to adjust automatically with your environment and throughout the day.

- We encourage you to try this new feature and share your feedback. Our goal is to provide the most valuable and helpful thermal screening solution available while delivering a product at an affordable price for businesses of any size. Please contact us with your feedback by submitting a ticket on our support site: <https://support.thermal.com/hc/en-us/requests/new>
- **Send Diagnostic Data:** Enabling this feature sends anonymous system data to Seek Thermal to help improve Seek Scan software. This feature can be enabled during v1.4.1.4 installation and turned on/off within the settings menu after installation.
- **Detection Improvements:** These improvements help Seek Scan identify the most reliable facial features for temperature measurement.

Version 1.3.0.4

Release Date: May 7, 2020

- Minor fixes to the graphical user interface to improve user experience.
- As we transition to a new backend database structure to support future features and scalability, we have removed the ability to capture and save images. A similar feature will be available in subsequent product offerings. Please note that the .csv temperature readings log text file that Seek Scan currently creates is still available but will be changing in the near future with our new structure.

Version 1.2.4.0

Release Date: April 28, 2020

- Fast follow patch release to correct visible camera detection for some users

Version 1.2.3.0

Release Date: April 27, 2020

- Fast follow patch release to correct driver installation for users running 1.1.0.0 and 1.1.1.1

Version 1.2.2.0

Release Date: April 27, 2020

- Fast follow patch release to correct driver installation for users running pre-release software

Version 1.2.1.0

Release Date: April 26, 2020

- **New Feature:** Seek Scan now displays estimated body temperature. With this update installed, the system works just like an infrared temporal thermometer, which also uses skin temperature as a proxy to display body temperature. The estimate is calculated using an adjustable “Body Temp Offset” of 1.2°C (2.16°F) found in the settings menu. Customers with cooler than expected readings should read and implement the recommendations in the tips section of this document prior to making an offset adjustment.
- **New Feature:** Show or Remove Temperature Display. Customers now have the option to turn off the numeric temperature reading. To remove temperature readings, simply access the settings menu and uncheck the box for “Show Temperature.”



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- Detection Improvements Prior to Measurement. These improvements help Seek Scan identify the most reliable facial features for temperature measurement.

Version 1.1.1.1

Release Date: April 21, 2020

- Minor correction to formatting display while in Celsius mode.

Version 1.1.0.0

Release Date: April 17, 2020

- Initial Seek Scan Software release