

# PHARSIGHTED

## E9FW.1012 Release Notes

Camera Models: E9•150S, E9•100S, E9•80S, E9•50S

**\*\*Use SLOW v9.0 or greater to perform firmware update!**

### Bug Fixes

- Fixed an issue causing SSD saves of > 16.7M frames to fail

### Known Issues & Notes

- Cameras with firmware older than v1007 will need to return to Pharsighted to be updated
- SLOW v9.0 or greater is required
- SLOW files saved to SSD with this version will not open in versions of SLOW older than v3.0
- Trigger and I/O LEDS are not enabled
- During camera turn-on, the Ethernet cable should be plugged into both camera and a fully booted switch (or PC if directly connecting) before power is applied to camera
- A boot-up time of ~2 minutes is normal. Cooling fan will audibly slow down after camera is fully booted
- A black reference should be performed after every settings change (resolution, frame rate, & exposure time) for best image quality
- Ethernet download speeds are limited to 1Gbps. Pharsighted encourages all users to take advantage of the SSD workflow
- For cameras shipped before Oct. 2024, the included U.2 to USB3 adapter may not detect newer U.2 SSDs (such as the Micron 7450 or 7500 series). If desired, please contact Pharsighted for assistance upgrading the adapter firmware

### NVMe SSD Notes

- Only write files to the SSD directly from the camera. Avoid placing files other than SLOW files on the SSD
- When clearing an SSD of data, delete all content or preferably reformat
- Tested / Approved SSD drive types:
  - Micron 7400 MAX
  - Micron 7450 MAX
  - Micron 7500 MAX
  - Micron 9300 MAX

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- SSDs are configured at the factory with a 4KB block size for maximum performance. SSDs sourced third-party are typically configured with smaller 512B block sizes, which results in slower save speeds. It is recommended that all new third-party SSDs be formatted in-camera to ensure optimal write performance.
- SSDs can also be reformatted as exFAT on a PC, with allocation unit size set to default. This will not affect the block size configuration however