FLIR ASCTEC INFRARED RAW DATA LOGGER INTEL DRONE GROUP

Release Notes

2 August 2017

VERSION HISTORY/REVISION HISTORY

These are the main software releases that have been made available for the FLIR AscTec Infrared Raw Data Logger:

Date	Revision	Changes
November 24, 2016	1.9-28-4727	- Added configuration file on data logger micro SD card to change the FLIR Tau 2 settings (enable isotherm, automatic gain control, standard color palette, control layout). - Added functionality to record videos (via configuration file). - Adapted ARA file format: ARA files will be convertible to radiometric JPEG for post processing in FLIR Tools.

December 17, 2014	1.6-637	• Fixed: Auto-Gain with t-linear option (relevant for all FLIR Tau2 cameras with serial number ending with "SRNLX") • Fixed: File date/time from GPS

RELEASE CONTENT

A release contains an .atf file required to install the software. Refer to the documentation about the detailed upgrade process.

Table 1-1 Revision numbers of components of the software release.

Component	File	Revision
FLIR AscTec Infrared Raw Data Logger firmware	flirsd.atf	1.9-28-4727

INTENDED AUDIENCE

All users of the Inspection Payload.

CUSTOMER SUPPORT

For technical support, including answers to questions not addressed in this product, visit the technical support forum, FAQs, and other support information at:
https://www.intel.com/content/www/us/en/support/drones/commercial-drones/000023691.html

NOTE: If your distributor provides technical support for this product, please contact them for support rather than Intel.

CONTENTS:

1. INTRODUCTION

This document provides information about the updated FLIR AscTec Infrared Raw Data Logger firmware.

To learn more about this product, see:

- New features listed in the New in this Release section below, or in the help.
- Reference documentation, including documentation about how to install the software is listed in the Related Documentation section below.

2. NEW IN THIS RELEASE

2.1 NEW FEATURES

- **Configuration file:**
  Added configuration file on data logger micro SD card to change the FLIR Tau 2 settings (e. g. enable isotherms, automatic gain control, standard color palette, control layout).
- **Video recording:**
  Added functionality to record videos (via configuration file).
- **File conversion to Radiometric JPEG**
  Adapted ARA file format: ARA files will be convertible to radiometric JPEG for post processing in FLIR Tools software.

2.2 CHANGES TO EXISTING FEATURES

No changes were made to existing features.

2.3 UNSUPPORTED OR DISCONTINUED FEATURES

None.

3. FIXED ISSUES

None.

4.KNOWN ISSUES

None.

5.RELATED DOCUMENTATION

Manuals that contain detailed information about performing software upgrades, operating the system and troubleshooting can be found at Intel's website in the support section:

https://www.intel.com/FalconManual

6.SPECIAL CONSIDERATIONS DURING UPGRADE

None.

7.WHERE TO FIND THE RELEASE

All releases are published on Intel's support site. A quick link to this section is:
http://www.intel.com/FalconDownloads

8.HARDWARE AND SOFTWARE COMPATIBILITY

The upgrade is compatible to all revisions of the Inspection Payload.

9.LEGAL INFORMATION

Please refer to the Intel-OBL-Mobile-Computing-Platform-Software-Limited-License.pdf, which is included in the download of the software.

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