

## Opticam2 Firmware Release Notes 1.3.3

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## General

The Opticam2 Termination Tool calculates the insertion loss value on completion of the camming process. This release is updated to increase reliability and to support hardware design changes due to raw component availability.

## Supported Hardware

<i>Part</i>	<i>Required Firmware to support Release</i>	<i>Notes</i>
FOCTT2	Boot loader v2.03 or later	
FOCTT2NB	Boot loader v2.04 or later	

Units with older boot code are not supported by this release.

## Released Production Files

### Product Upgrade

#### *Image Information*

Filename: FOCTT2v1\_3\_3.img

Version:1.

CRC32: 9457F389

SHA256: c27ebef3b12e5f6be79826a35bd3ff60542e7d6740cc58eb0de75af472e4cff9

Filesize: 348424bytes

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## Upgrade

The OptiCam2 can be upgraded from either a Windows PC or a Mac. Follow the instructions included with the updater application for your environment.

# New Features

## New Features added in version 1.3.2

<i>Issue ID</i>	<i>Title</i>
OC-341	Disable Auto Orientation

- OC-341** The tool no longer attempts to detect which direction the connector is mounted. To change the orientation, the user must update the Orientation in the Settings Menu.

## New Features added in version 1.3.0

<i>Issue ID</i>	<i>Title</i>
OC-325	Driver updates
OC-335	Enhancements to interface for downloading records
OC-337	Deprecate use of LC launch cord with plastic adaptor

- OC-325** Additional drivers are added to support hardware changes due to part availability.

- OC-335** Some low-level updates have been made to the interface when downloading records directly to a PC or MAC.

- OC-337** The FOLPC-1.25SM and FOLPC-1.25MM launch cords fitted with a plastic adaptor are no longer officially supported. When terminating LC connectors, a launch cord with a metal adaptor must be used.

## New Features added in version 1.2.0

<i>Issue ID</i>	<i>Title</i>
OC-180	Use FOCTT2CORD for record download
OC-290	Provide link to additional customer documentation
OC-304	Support APC (Angled Physical Contact) connectors
OC-310	Modernize UI
OC-323	Add Dutch language support

**OC-180** Termination records can be downloaded directly to a PC or MAC.

This can be accomplished by connecting the Opticam tool to a PC or Mac and selecting Record / Download in the tool menu. When the tool is in this mode, an OPTICAM removable device will be available with a RECORDS.CSV file that can be opened.

**OC-290** The help menu option will show a QR code which is a link to additional documentation and videos available concerning use of the Opticam2 Tool.

**OC-304** Tool supports SC Angled Physical Contact connectors

**OC-310** The UI is updated to behave similar to many mobile applications.

## New Features added in version 1.1.1

<i>Issue ID</i>	<i>Title</i>
OC-204	Support a no Bluetooth version of Opticam2
OC-248	Dynamic Extended Help
OC-262	Add Fiber and connector type to Testing Screens

- OC-204** Add support for the OCTT2NB variant of the Opticam2 which does not contain a Bluetooth radio. A yellow label indicates that the Opticam2 tool does not contain a Bluetooth radio, fully removing Bluetooth functionality.
- OC-248** The help menus on the tool have been updated to give guidance based on the configuration of the tool.
- OC-262** Text indicating the selected fiber and connector type is now shown on the LCD screen.

## New Features added in version 1.0.11

<i>Issue ID</i>	<i>Title</i>
OC-183	Auto-detect connector orientation
OC-211	Display Current Record ID on Load Connector Screen
OC-218	Updates for metal adaptors

- OC-183** The orientation of the connector is configured in the Connector Type menu option. The tool can be configured for automatic mode where the tool can determine the orientation when starting a connector termination.
- OC-211** The Connector ID is used in the termination records to correlate the results with the connector used in the termination. This ID is now

displayed on the Load Connector screen for the installer to note when beginning a connector termination.

- OC-218** To support the metal ferrule adapters, some slight changes in the algorithms were required to improve tool performance in some conditions.

## New Features added in version 1.0.10

<i>Issue ID</i>	<i>Title</i>
OC-110	Need ability for customer to set fail threshold manually
OC-181	Store more records in tool
OC-187	Add Help Menu

- OC-110** The default Insertion Loss threshold is 0.75 dB. This threshold can be tightened up to use a value as low as 0.10 dB.
- OC-181** The tool can now store up to 1000 records in the tool. If more than 1000 tests are performed with the tool, the oldest records are overwritten to store the new test results.
- OC-187** When an operational error is encountered on the tool. Selecting the help icon in the upper right portion of the screen can provide guidance on solving the issue.



## Resolved Issues

### Issues resolved by version 1.1.1

<i>Issue ID</i>	<i>Title</i>
OC-284	Harsh light can cause Opticam to reset

### Issues resolved by version 1.0.10

<i>Issue ID</i>	<i>Title</i>
OC-155	Tool said power source was external when it was just on batteries
OC-197	Tool does not clear error screen when cancel is sent from the app

### Issues resolved by version 1.0.9

<i>Issue ID</i>	<i>Title</i>
OC-116	Menu:Record/View missing timestamp
OC-119	Idle timeout not working when at Load Connector Screen
OC-139	Menu to set date is off by one. Downloaded records have incorrect date.

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## Outstanding Issues

### New Issues

No new Issues

### Existing Issues

No outstanding Issues

## Document History

Revision	Date	Reason for Change
1.0	July 6, 2023	Initial Release