Opticam2 Firmware Release Notes 1.2.1

Contents

General

The Opticam2 Termination Tool calculates the insertion loss value on completion of the camming process. This release is updated to support the SC Angled Physical Contact (APC) connectors. Records can now be downloaded from the device via the USB port.

Supported Hardware

Part	Required Firmware to support Release	Notes
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_2_1.img
Version:1.2.0
CRC32:  279A1932
SHA256:  4b8be9db8b53c424898a049f2ea08f0811b4e3e3f599a1068616ee1c93169ff6
Filesize:  325960 bytes
```

Upgrade

The OptiCam2 can be upgrade 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 1.2.0

Issue ID	Title
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

Issue ID	Title
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.

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

Issue ID	Title
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

Issue ID	Title
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

Issue ID	Title
OC-284	Harsh light can cause Opticam to reset

Issues resolved by version 1.0.10

Issue ID	Title
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

Issue ID	Title
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.

Outstanding Issues

New Issues

No new issues

Existing Issues

No outstanding Issues

Document History

Revision	Date	Reason for Change
1.0	September 15, 2022	Initial Release