

SaFariPark/MultiSFP manual

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1 Introduction

The manual is very much a work in progress. So far there is not a lot in here.

2 MultiSFP

3 SaFariPark

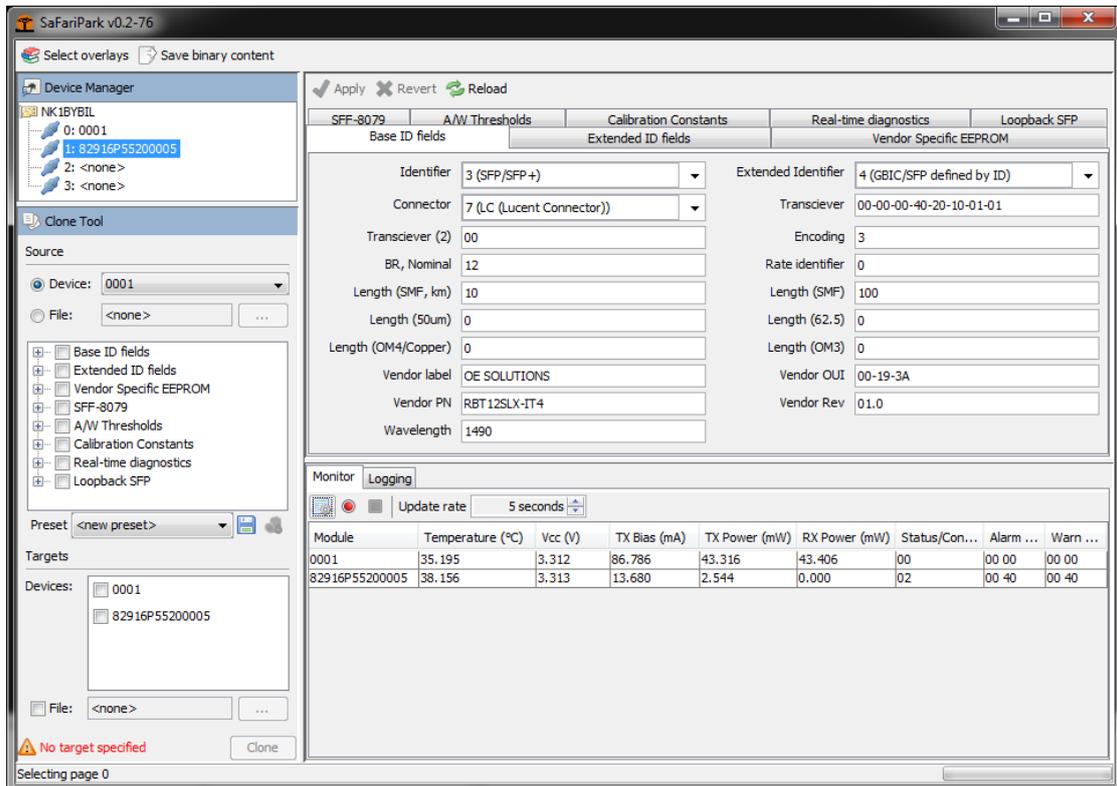


Figure 3.1: Start up screen of SaFariPark

SaFariPark is the main GUI application for reading, calibrating and configuring SFP modules. When loaded a window should appear as presented in Figure 3.1. All connected MultiSFP devices are listed in the device manager top right. Each bay shows the connection state and if a module is placed, the part identifier and serial number.

3.1 Viewing and editing the SFP module contents

SaFariPark shows, in the edit pane, a higher overview of the content loaded inside the SFP module.

Apply
 Revert
 Reload

A/W Thresholds	Calibration Constants	Real-time diagnostics	Maxim DS1856M	Loopback SFP
Base ID fields	Extended ID fields	Vendor Specific EEPROM	SFF-8079	

Options
Mon Type

- Linear Receiver Output Implemented
- Power Level Declaration
- Cooled Transceiver declaration
- Retimer or CDR
- Paging implemented
- High Power Level Declaration
- Loss of Signal implemented
- Signal Detect Implemented
- TX_FAULT signal implemented.
- TX_DISABLE is implemented
- RATE_SELECT functionality is implemented
- Tunable transmitter technology
- Receiver decision threshold implemented
- Address change required
- Received power is average
- Externally Calibrated
- Internally Calibrated
- Digital Diag Implemented

BR Max
 BR Min

Vendor SN
 Date Code

Figure 3.2: The editor

4 Appendices

4.1 Overlay XML description