

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

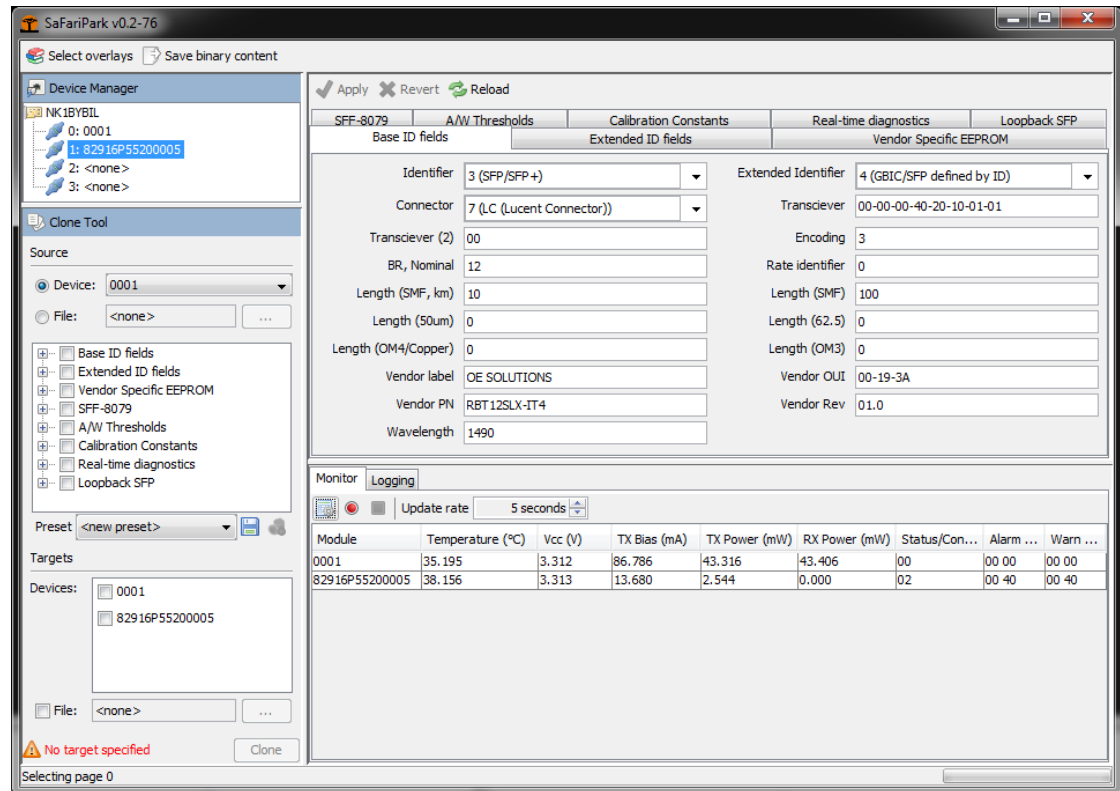





Figure 3.1: Start up screen of SaFariPark

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

10-7A

☐ 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

Mon Type

60

☐ Address change required
☐ Received power is average
☐ Externally Calibrated
☒ Internally Calibrated
☒ Digital Diag Implemented

BR Max

0

BR Min

0

Vendor SN

Virtual_1

Date Code

16011400

Figure 3.2: The editor

4 Appendices

4.1 Overlay XML description