

Scopemon User Interface

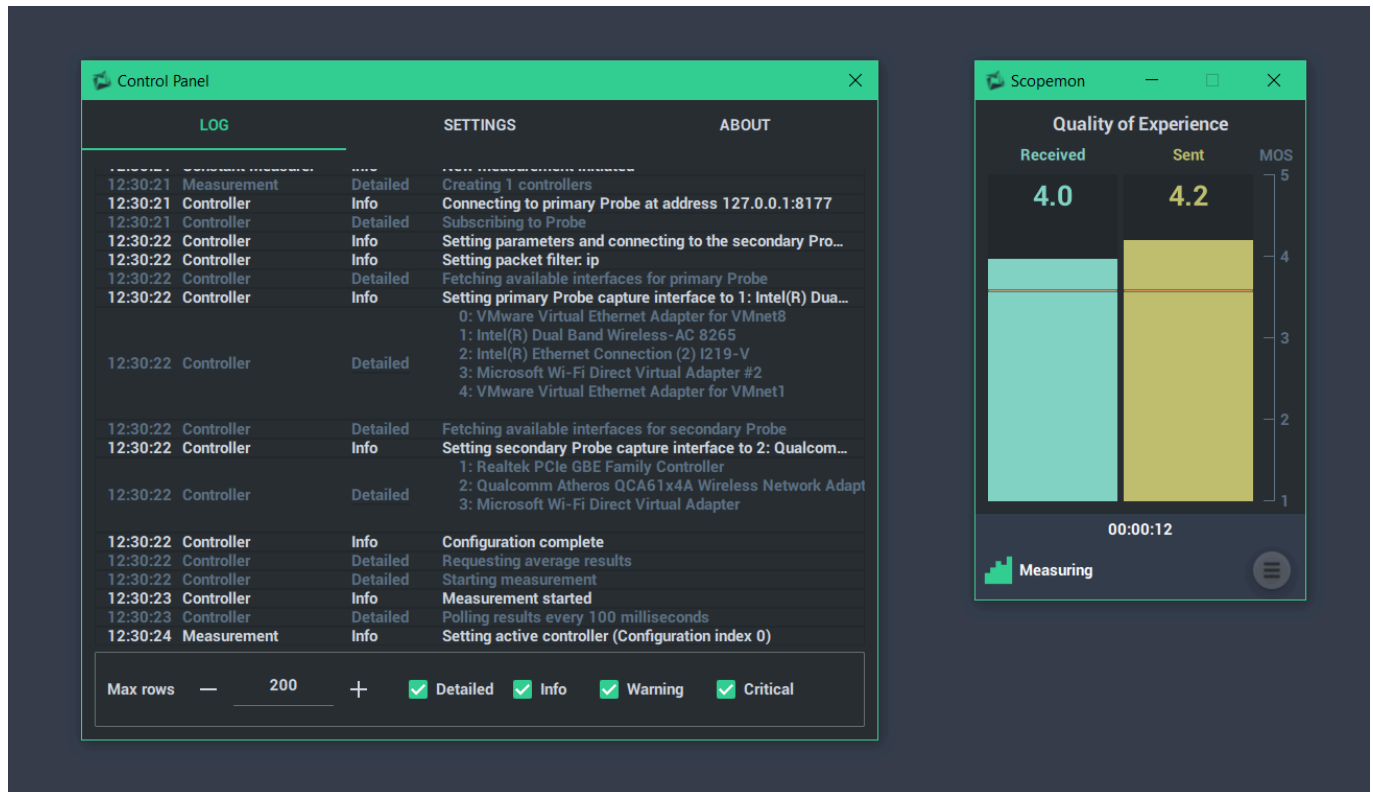
The user interface of Scopemon displays results and provides some adjustments for the ongoing measurement. Sometimes there is no need for such local results monitoring. In these cases, the GUI can be left out, and Scopemon handles everything in the background.

Table of Contents

- 1. Overview 3
- 2. Main Window 3
 - 2.1. Warnings 4
- 3. Control Panel Window 4
 - 3.1. Log Page 5
 - 3.2. Settings Page 5
 - 3.3. About Page 6
- 4. Glossary 8

1. Overview

When the Qosium Scopemon's *GUI* is enabled, the default interface consists of 2 windows: *Main window* and *Control Panel window*. The main window is primarily used to monitor the ongoing measurement, while the control panel window hosts the log, measurement on/off toggle, and information about the Scopemon version.

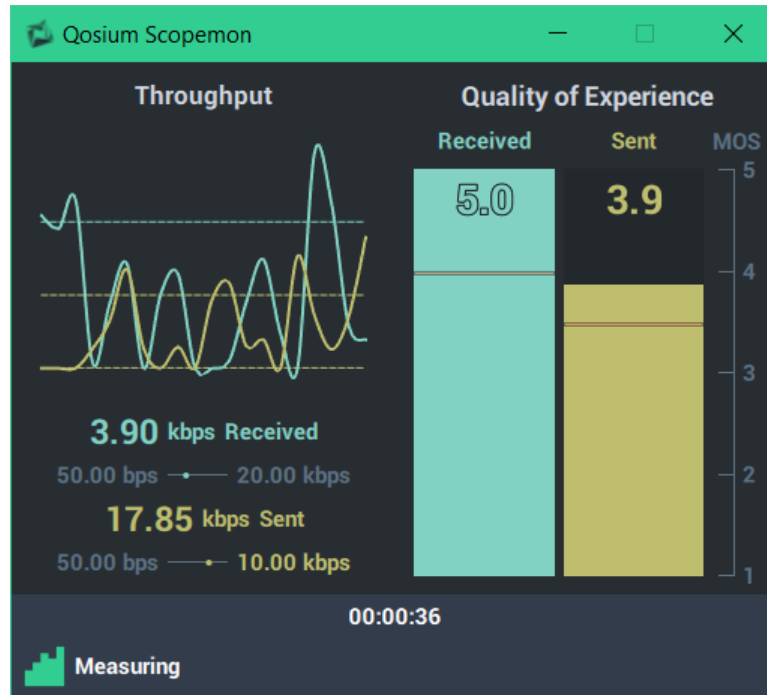


The user interface of Scopemon is highly customizable. Therefore, your distribution of Scopemon may have a different appearance, but the basic functionality is nonetheless the same.

2. Main Window

The main window of Qosium Scopemon consists of two elements:

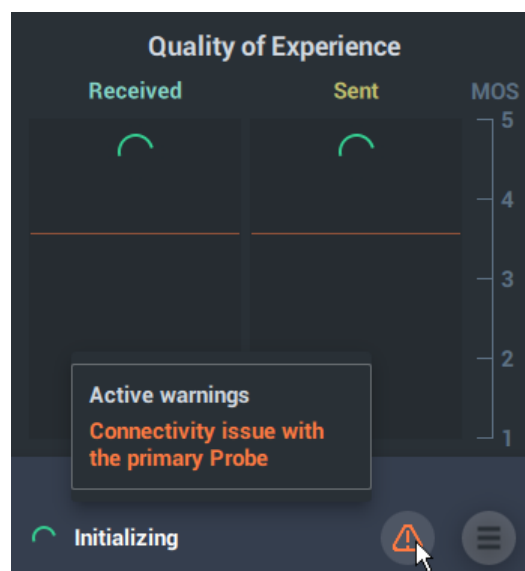
1. **Charts** (top) - One or more charts that visualize given measurement results
2. **Toolbar** (bottom) - This panel displays current measurement duration and status. The menu button shows/hides the *Control Panel Window*



2.1. Warnings

Scopemon displays some warnings in the main window. These types of warnings usually require user action, be it a misconfiguration or a non-responsive Probe. If Scopemon can deduce that the warning has outlived its usefulness, it will be removed from this list. Some warnings, such as configuration errors, persist until Scopemon is restarted.

Scopemon displays an icon at the bottom of the window (orange exclamation mark inside a triangle) in case of one or more active warnings. Hover over the icon to see the warnings:



A warning can also be used as a trigger for external alerts in a network management solution.

3. Control Panel Window

The control panel provides a few pages with miscellaneous purposes. See each page in the following

section for more information.

3.1. Log Page

The log page displays a list of events. It reports errors, warnings, and other anomalies in the operation of Scopemon.

LOG			SETTINGS	ABOUT
12:10:08	Core	Info	Application version: 1.5.5.0	
12:10:08	Core	Info	QMCP version: 1.11.16.13	
12:10:08	Application	Info	Using constant measurer	
12:10:08	Constant Measurer	Info	New measurement initiated	
12:10:08	Measurement	Detailed	Creating 1 controllers	
12:10:08	Controller	Info	Connecting to primary Probe at address 127.0.0.1:8177	
12:10:08	Controller	Detailed	Subscribing to Probe	
12:10:08	Controller	Info	Setting parameters	
12:10:08	Controller	Info	Setting packet filter: ip	
12:10:08	Controller	Detailed	Fetching available interfaces for primary Probe	
12:10:09	Controller	Info	Setting primary Probe capture interface to 0: VMware Virtual Ethernet Adapter for VMnet8	
			0: VMware Virtual Ethernet Adapter for VMnet8	
			1: Intel(R) Dual Band Wireless-AC 8265	
12:10:09	Controller	Detailed	2: Intel(R) Ethernet Connection (2) I219-V	
			3: Microsoft Wi-Fi Direct Virtual Adapter #2	
			4: VMware Virtual Ethernet Adapter for VMnet1	
12:10:09	Controller	Info	Configuration complete	
12:10:09	Controller	Detailed	Requesting average results	
12:10:09	Controller	Detailed	Starting measurement	
12:10:09	Controller	Info	Measurement started	
12:10:09	Controller	Detailed	Polling results every 100 milliseconds	
12:10:10	Measurement	Info	Setting active controller (Configuration index 0)	

Max rows

—

200

+

☒ Detailed

☒ Info

☒ Warning

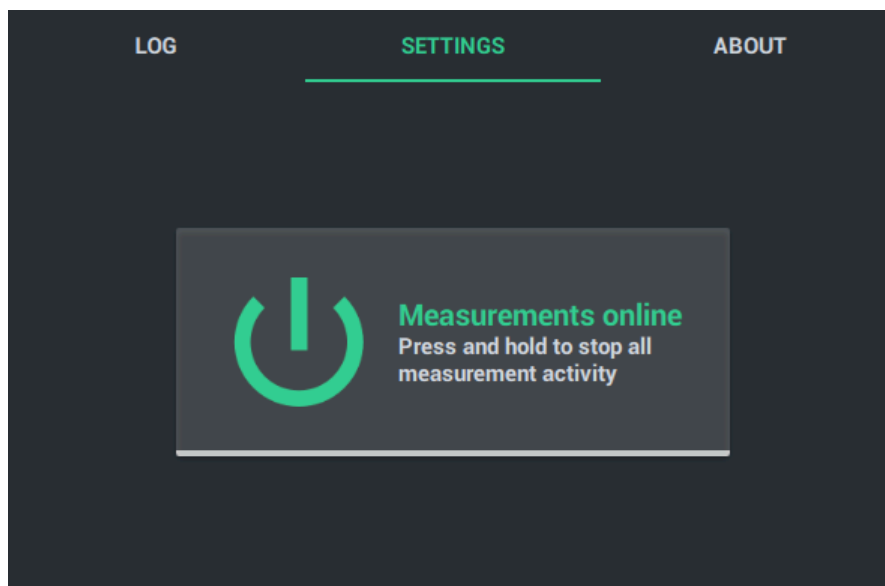
☒ Critical

This page has a few settings available:

- **Max rows** - The maximum number of log messages Scopemon will keep in memory
- **Detailed** - Show/Hide messages related to operational details
- **Info** - Show/Hide messages related main operation
- **Warning** - Show/Hide warning messages
- **Critical** - Show/Hide critical messages (require actions, typically)

3.2. Settings Page

On the settings page, the measurement can be turned on/off without closing Scopemon. To learn how to adjust Scopemon settings, see [Scopemon Configuration](#).



Using this functionality does not reload the settings from the configuration file. To reload, restart Scopemon instead.

3.3. About Page


The about page displays technical information about Scopemon, such as version information and additional license clauses.

LOG


SETTINGS

ABOUT

Technical Information



Qosium Scopemon
©2020 Kaitotek Oy
Software version: 1.5.5.0
QMCP version: 1.11.16.13



LGPLv3 Clause

This software uses components of Qt under LGPLv3 open source license. Qt is a C++ toolkit for cross-platform application development.

As an end user of this software, you have the following rights under the LGPLv3 license. Please contact us for further instructions.

- Re-link this application against a modified version of the Qt library
- Acquire the source code of the Qt library this software is linked to

For full LGPLv3 license, view the license file in the installation directory of this software, or visit gnu.org/licenses/lgpl-3.0.en.html.

For more information on Qt, visit qt.io.

For contacting us, send email at support@kaitotek.com, or visit our website for more contact options at kaitotek.com.

4. Glossary

Graphical User Interface

User interface which features graphical elements, such as windows, buttons, dialogs, images, and controls.