

Scopemon User Interface

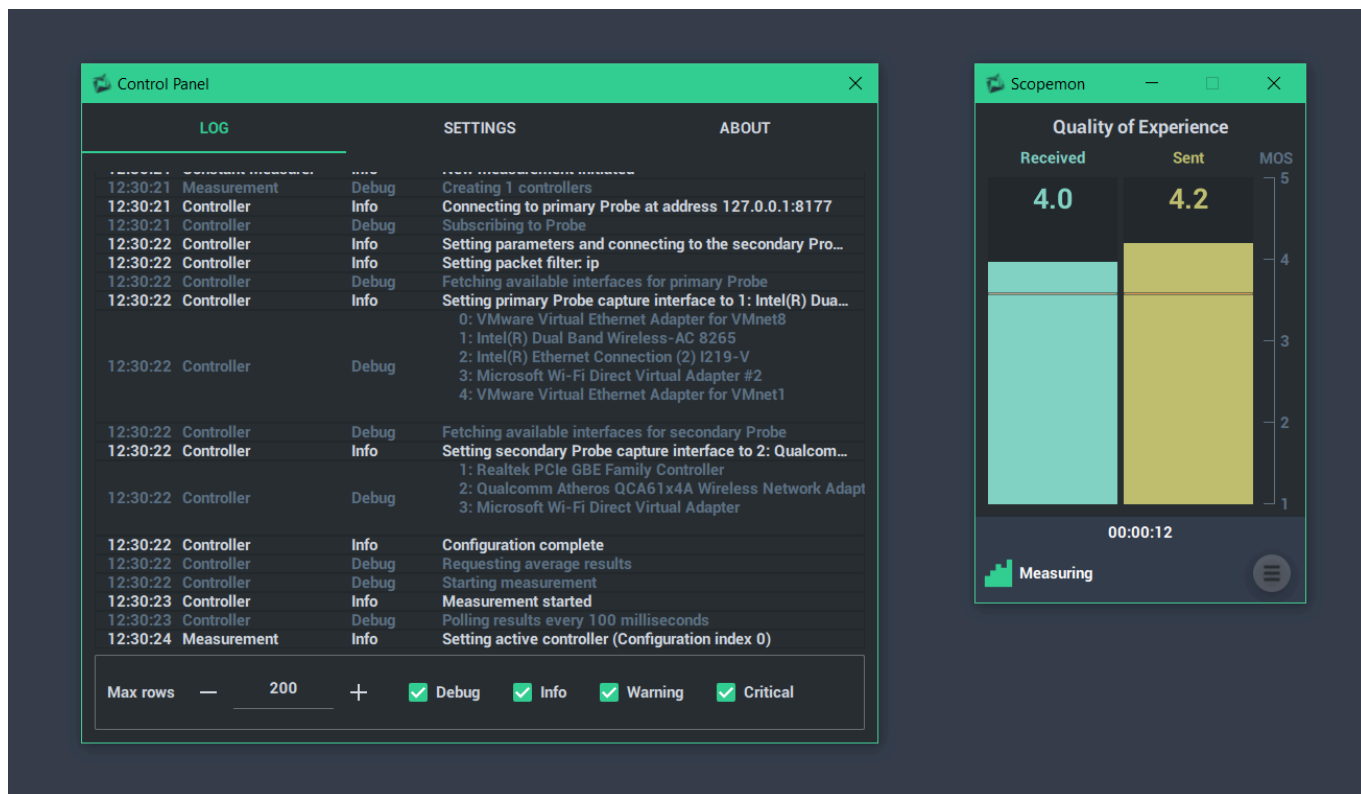
The user interface of Scopemon displays results and provides some adjustments for the ongoing the measurement.


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1. Overview

The default interface of Qosium Scopemon 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.

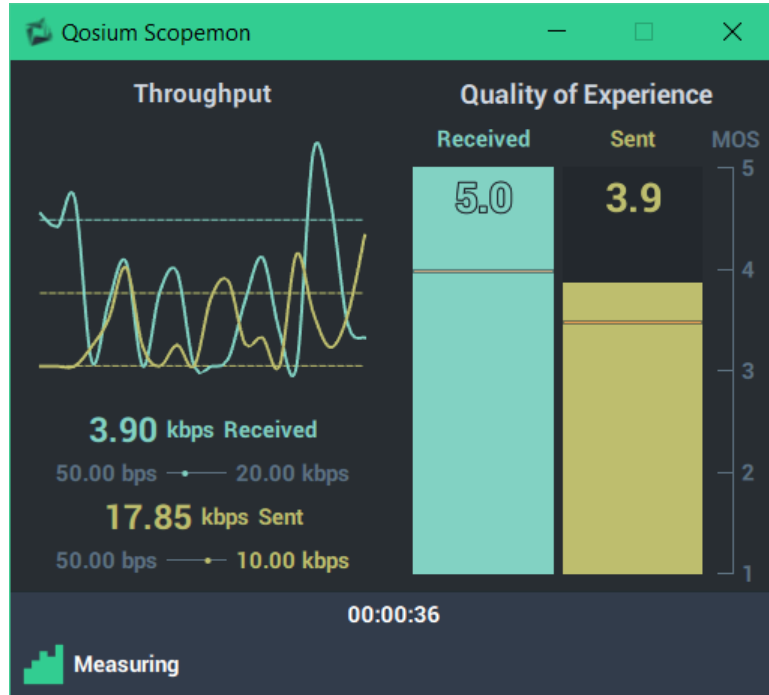


 The user interface of Scopemon is highly customizable. Therefore, your distribution of Scopemon may have a different appearance, but the basic functionality is nonetheless the same.

2. Main Window

The main window of Qosium Scopemon consists of two elements:

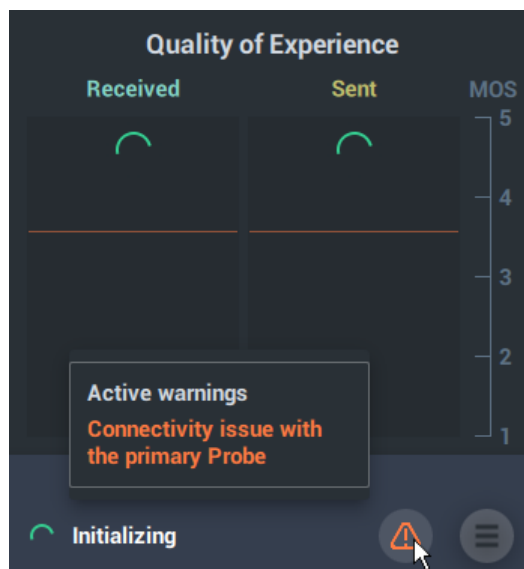
1. **Charts** (top) - One or more charts that visualize given measurement results
2. **Toolbar** (bottom) - This panel displays current measurement duration and status. The menu button shows/hides the *Control Panel Window*



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:



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.

The screenshot shows the Scopemon Log Page interface. It has three main sections: LOG, SETTINGS, and ABOUT. The LOG section displays a list of log entries with columns for time, component, level, and message. The SETTINGS section at the bottom allows for configuring the number of rows and which log levels are visible.

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 Debug	Creating 1 controllers	
12:10:08 Controller Info	Connecting to primary Probe at address 127.0.0.1:8177	
12:10:08 Controller Debug	Subscribing to Probe	
12:10:08 Controller Info	Setting parameters	
12:10:08 Controller Info	Setting packet filter: ip	
12:10:08 Controller Debug	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 Debug	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 Debug	Requesting average results	
12:10:09 Controller Debug	Starting measurement	
12:10:09 Controller Info	Measurement started	
12:10:09 Controller Debug	Polling results every 100 milliseconds	
12:10:10 Measurement Info	Setting active controller (Configuration index 0)	

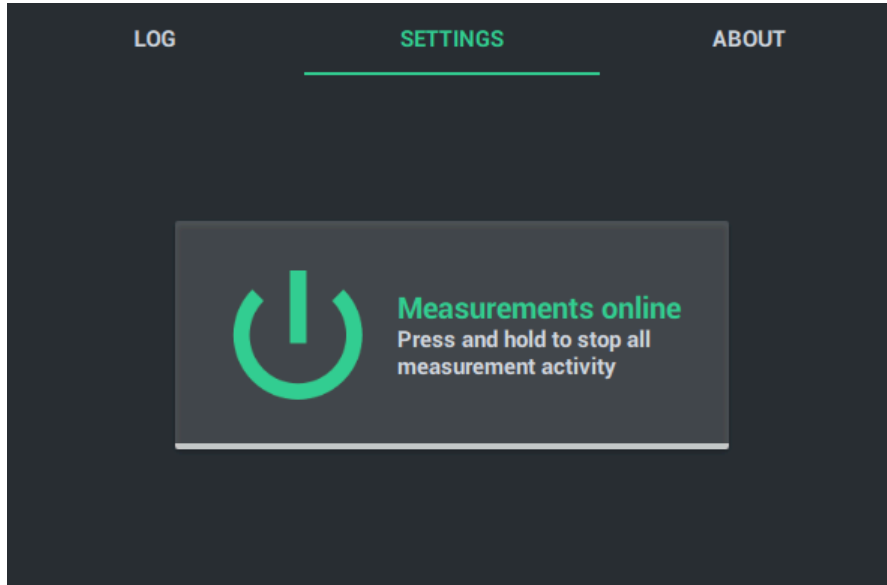
Max rows — 200 + Debug Info Warning Critical

This page has a few settings available:

- **Max rows** - The maximum number of log messages Scopemon will keep in memory
- **Debug** - Show/Hide *Debug*-class messages
- **Info** - Show/Hide *Info*-class messages
- **Warning** - Show/Hide *Warning*-class messages
- **Critical** - Show/Hide *Critical*-class messages

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
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Software version: 1.5.5.0
QMCP version: 1.11.16.13



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