

OptiView™

Integrated Network Analyzer

At a Glance Card

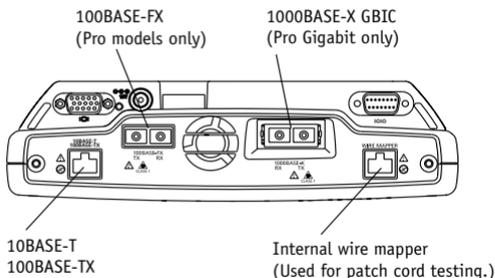
Find the Information You Will Need

Getting Started Guide: Everything you will need to quickly get started using the OptiView™ Analyzer.

Help System: Analyzer Help System context sensitive help.

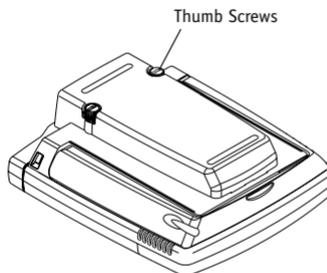
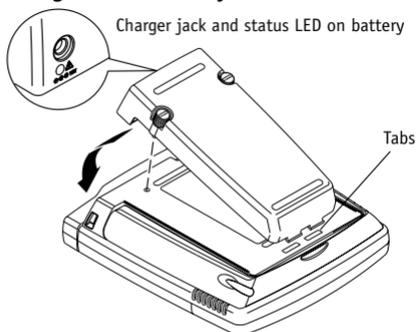
Web: Visit www.flukenetworks.com for the latest news on the OptiView™ analyzer product, troubleshooting tips, software updates, and service information.

Network Test Interface

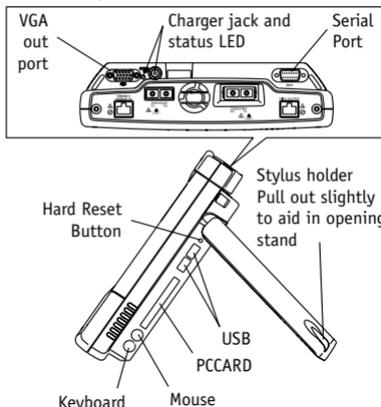


LED Charge Status: Flashing = charging, On = charged

Installing External Battery



Peripheral Connections



Link LED Red solid = over voltage detection, may be connected to a telco/ISDN
 Red flashing = no cable (no link on fiber)
 Green solid = link on fiber or MDI connection
 Amber solid = link on MDI-X connection
 Amber flashing = cable or wire mapper present, and no link

Touch screen display with Front Page displayed

Note: Each block and tab is a touch target

Transmit LED

Collision LED

Error LED

Line Utilization LEDs
10% increments

Status bar

On/Off Button

Stylus stores at bottom of stand



Port speed and duplex mode are displayed

Saves current screen as HTML report

Prints a graphical representation of what is currently on the screen

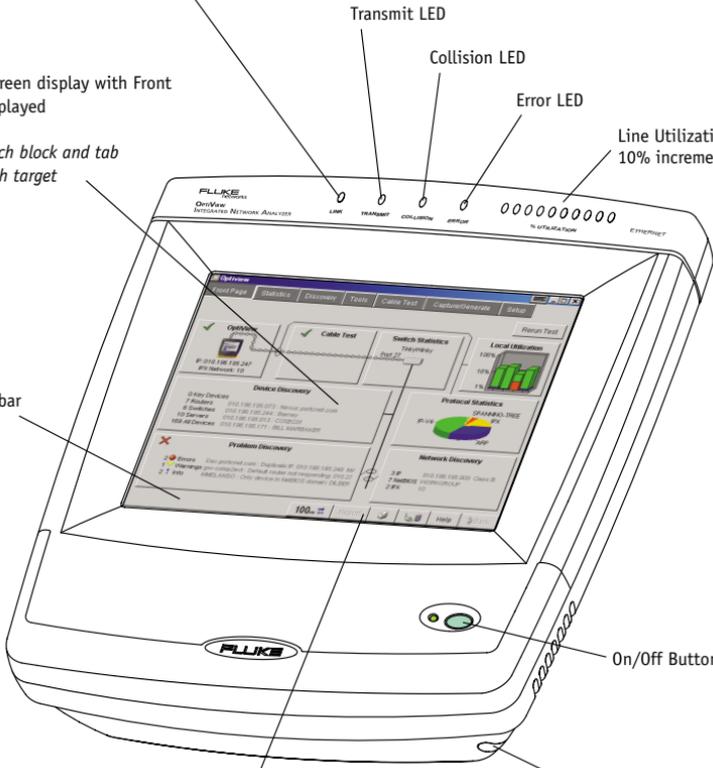
Power status and power management are displayed

Launches Help

Goes back to previous screen

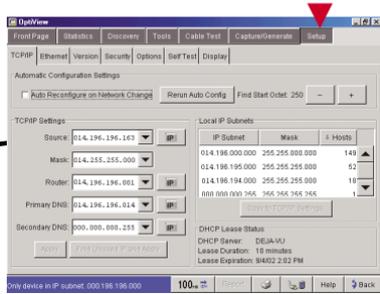


Stylus



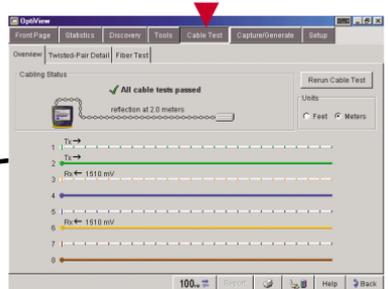
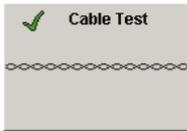
Analyzer Setup

Auto configures for TCP/IP settings, port speed, and duplex mode. The analyzer will determine the best settings, or you can manually override the settings.



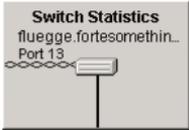
Cable Test

Displays cable information and potential problems. Cable length, cable wire mapping, cable wire pair, impedance, status/anomalies are displayed (e.g., shorts, opens, terminations, and split pairs).

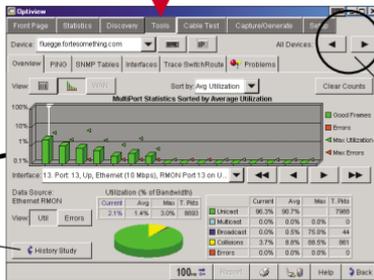


Switch Statistics

Allows you to view multiple ports of a switch simultaneously, thus enabling you to diagnose hard-to-analyze switched remote segments. It provides a multi-port view of switches and routers at a glance.



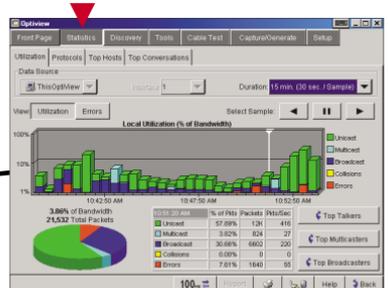
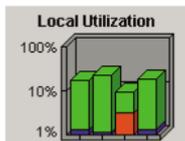
Switch
RMON
history



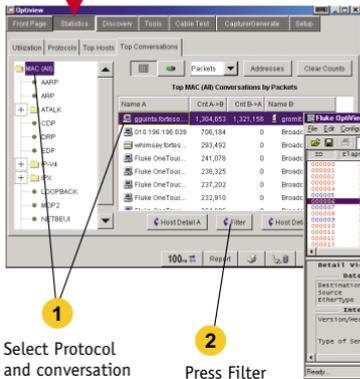
Allows you to
step through
all devices

Utilization

Provides information on the performance and health of the local network segments including the segment to which the analyzer is physically connected.

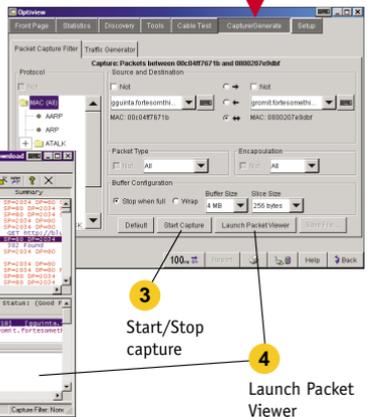


Filtering and Packet Capture



1 Select Protocol and conversation

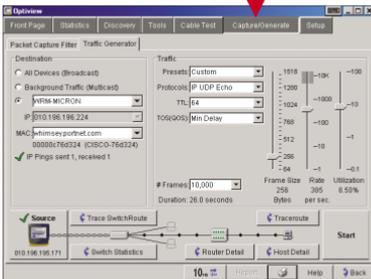
2 Press Filter



3 Start/Stop capture

4 Launch Packet Viewer

GENERATING TRAFFIC on Your Network



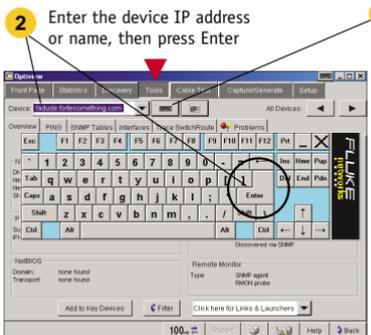
1 Select where you want traffic sent. This can be to all devices in the broadcast domain, as multicast (background) traffic, or to a specific device. The router MAC address is automatically selected

2 Select the type of traffic you want to generate on your network.

3 Select traffic utilization or frame rate you want on your network. If you choose an excessive amount, you will be prompted with warnings before you can start generating traffic.

4 Press the Start button to start generating traffic. Press the Stop button to terminate traffic generation.

Entering devices using the Virtual Keyboard

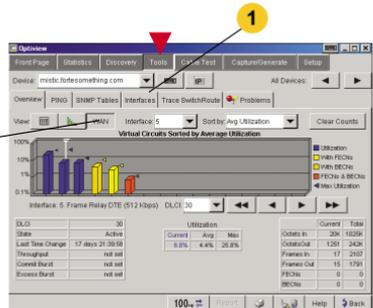


1 Launch the Virtual Keyboard

2 Enter the device IP address or name, then press Enter

Performing WAN Analysis

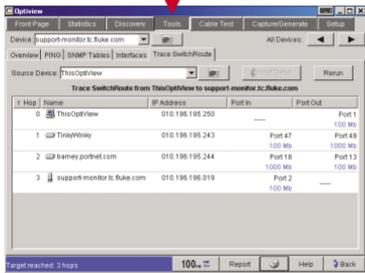
From the Tools Overview screen, select Interfaces



2 Select WAN

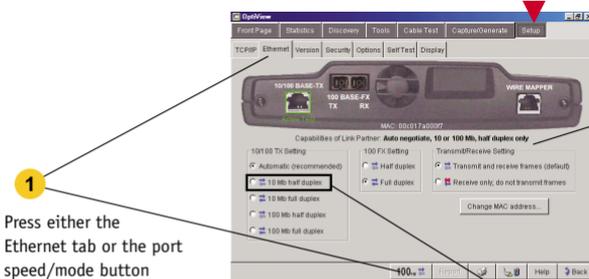
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Performing a Trace SwitchRoute



- 1 Select the path (destination and/or source) and the test is run.
- 2 The displayed results show sequentially the switches between the source and destination devices, including the in and out ports.

Setting Port Speed and Duplex Mode



- 1 Press either the Ethernet tab or the port speed/mode button

Use this information to analyze link capabilities and misconfiguration.

- 2 10 Mb half duplex is selected

Connecting the Analyzer

