

# Vi30001

Network Health Monitoring Software

## Features

- Automatically discover connected devices by scanning
- IP range, On/Off and UPnP connected devices
- Determine network capacity for bandwidth, packet size and delay to see if meets system requirements.
- Create reports for Network performance, commission installation and service call records.
- Easily and quickly troubleshoots networks to local and repair problems
- View video and record images to maintain a report and record of video performance and quality



## Applications

- Set up and installation of IP/PoE networks
- Monitoring of networks to spot problems and correct before they occur
- Locate specific network problems and their causes

NeTester™ is a valuable tool for evaluating network prior to installation to determine if it meets the requirement performance for its application. After installation is completed a complete report can be provided to both dealers and customers in three different formats. In the event after installation service is required installation reports can be combined to service call status helping to easily pinpointing and solving problems.

NeTester™ is the most complete program for determining, measuring and testing network performance with and without connected devices.

# Technical Specification\*

## System Requirements

Operating System	Windows™ 7 and Later
Memory	265Kbytes Recommended
Processor	Intel i5
Storage Space	250Mbytes

## Ordering Information

PART No.	Description
Vi30001	Network Health Monitoring Software

## Communications

SNMP  
UPnP  
TCP  
UDP

## List of Supported Switch Based Events and Alerts\*

### Events and alerts transmitted and found in switch GUI

E0: Port Overload (ICUT) Event on Port  
E1: Port Short Circuit Limit (ILIM) Event on Port  
E2: Port MPS Error (DC Disconnect) Event on Port  
E3: Port Server Short Circuit Event on Port  
E4: Port Thermal Shutdown Event on Port  
E5: Port Temperature Limit on Port  
E6: Main Power Overload Event on Port  
E7: PoE Auto Check Timeout Event on Port

### Events and alerts transmitted and found in switch GUI

Cold start  
Warm start  
Link\_Down Port  
Link\_Up Port  
Authenticating Failure  
PoE\_On Port  
PoE\_Off Port  
SecurePort TX/RX Disabled  
Power Budget: Budget Exceed - Disable Port  
Power Budget: Attempting to restore-re enable Port  
Power Budget: Under Safe Levels - Re enable Port  
Traffic Detected-Port  
Loss of Traffic Detected-Port  
Power Surge (port is still active)  
Power Drop (port is still active)  
High Packet Loss Detected  
Packet Loss Normal

\*Features are dependent upon the ability of connected devices to communicate.

# Technical Specification\*

New Report

Report

Report Number:	1234	Technician Name:	Sam	Installation
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Service Provider

Company Name:	Company Name
Company Phone:	111-222-3333
Company Address:	State USA
Contact Email:	sam@email.com
Contact Number:	222-333-4444

Customer

Customer Name:	Sam
Customer Phone:	333-444-5555
Customer Address:	State USA
Contact Email:	sam@email.com
Contact Number:	444-555-6666

Notes

Installed 4 Brand X Cameras all recording and viewing confirmed March 1, 2021

**Create Report**

New Report

Report

Report Number:	1234	Technician Name:	Sam	Service Call
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Service Provider

Company Name:	Company Name
Company Phone:	111-222-3333
Company Address:	State USA
Contact Email:	sam@email.com
Contact Number:	222-333-4444

Customer

Customer Name:	Sam
Customer Phone:	333-444-5555
Customer Address:	State USA
Contact Email:	sam@email.com
Contact Number:	444-555-6666

Notes

Installation conducted on March 1, 2021 reported on Camera not working. Tested camera routed to switch all working fine. IT changed address - programmed new IP address and confirmed system operation

**Create Report**

Create custom reports documenting installations and service calls

Discovery

Missing Devices

IP	Hostname	Status
192.168.1.100	DESKTOP-PF9MAEUS	Online
192.168.1.130	Unknown	

New Devices

IP	Hostname	Status
192.168.1.111	RokuBox-5	Online

Enter Subnet Range: 192.168.0.0 - 192.168.1.255 Total Found: 3

Scan Subnet Stop Scan UPnP Scan Computer Scan Clear Scan

Discover connected network devices by scanning a range of IP address and automatically assigning them to device library for further testing

Device Library

Add New Device

IP Address Device Name

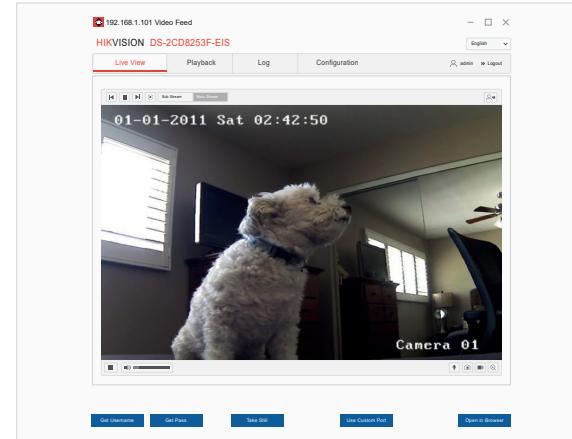
Edit Device Type

Devices:

Device Name	IP Address	Username	Password	Device Type	Manufacturer	Model Name	Serial Number	Power (W)	Voltage (V)
192.168.1.101	192.168.1.101			Other				100	12
192.168.1.130	192.168.1.130			Other				100	12

Edit Device Type Save

Create custom libraries for testing connections between any two points regardless of the number of connected devices



Confirm transmission by viewing video and incorporating images into reports

Export Location

C:\Documents\NetStat\Manual12345

Export Type

PDF  CSV  TXT

Options

Include all Photos  Create Bundle

View Photos Manage Photos Export

Export and save reports in .PDF, .CSV and .TXT formats



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\*Specifications subject to change without notice.