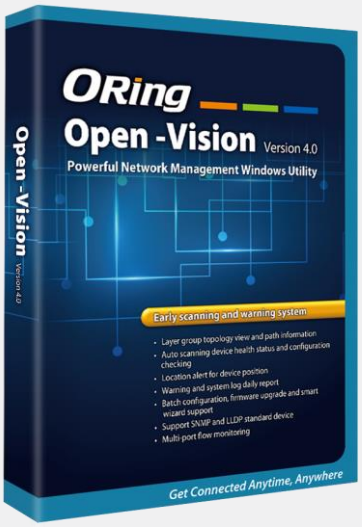
Open-Vision Pro version 5.0

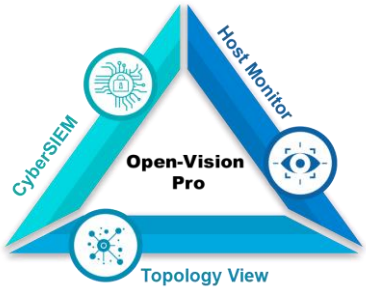
Network Management Software Designed for Cybersecurity

Features

- Powerful Network Management Web Based Operation
- Collect security-related events and logs from firewall, and identify real threats and attacks through manual or automated analysis. Fine-tune the process to reduce alert fatigue.
- Supports account management to assign user roles (e.g., Administrator, Manager, User) with specific permissions.
- Devices port traffic monitoring and alarm, allowing users to customize threshold values.
- IP scan to detect all of the ORing switches and third party SNMP device in the local network
- Draw the whole network topology automatically and customize visualized setting available
- Dynamic topology view clearly display network connectivity status and event notifications.
- Support multi-link topology with port number information
- Support Ring information on ORing Topology View



Introduction



Combining cybersecurity with network management software is important for administrators to monitor and manage all devices within a local network. ORing is proud to announce the launch of Open-Vision Pro 5.0, a powerful web-based network management tool designed to meet the network monitoring and cybersecurity needs of various industrial applications. Open-Vision Pro 5.0 offers significant improvements over previous versions in three core areas: cyberSIEM, visualized management and comprehensive monitoring. We will detail these enhancements and explain how advanced monitoring features and cybersecurity defenses enable users to detect and respond to any issues within the local network promptly. Hence, the stability and security of the local network could be assured.

CyberSIEM:

Open-Vision Pro 5.0 is a powerful cybersecurity-integrated network management software that supports a new feature called cyberSIEM, an immediate collaborative prevention system. It can collect security-related events and logs from firewalls to identify potential intrusions or malicious behavior and generate alerts. When malicious traffic is detected, it can

immediately take action to block the attack and mitigate potential threats. Continuous monitoring of field automation assets helps reduce operational losses caused by anomalies.

Visualized Management:

ORing's Topology View could show up the complex topologies including multiple-link topology of all of ORing's Ethernet switches and third party SNMP devices in the local network. Further, different devices could be grouped by different IPs and to be shown in different topology windows. Thus, administrators need not to monitor all of the devices in the local network at once, which makes the job of monitoring easier and more efficient. On the other hand, the health status of the connections will be shown on by different colors. ORing topology view helps the administrators to do the management visualizely, intuitively, and more efficiently.

Complete Monitor:

ORing-Vision Pro 5.0 has various mechanisms to monitor the statuses of ORing's switches, including event log, and SNMP traps. The administrators will be informed the occurrences of any abnormal events by email, and the list of event log could be exported as an excel file. Moreover, the configurations of all ORing's switches could be saved and the status of configurations of all switches in local network could be scanned regularly to detect any changes of the configurations. Hence, administrators could know any unexpected changes of the configurations of switches. On the other hand, ORing Host monitor could automatically ping and check the health statuses of connections among all IP-based devices in local area network. Host Monitor also features IP categorized function, and all of IP-based devices could be grouped by the different IPs and to be monitored.

ORing Topology View

- Topology View shows the topology of connections among all of the switches and third party SNMP devices in the local network.
- IP categorized function
- Supports multi-link topology with port number information
- Event log and it could be exported as an excel file.
- Visualized warning system of the health statuses of the connections among the switches
- Traffic flow analysis of each node that supports multiple ports performance monitoring with upper and lower traffic budget setting and flow alert
- The administrator could plan the future topology manually in "Edit" operation mode.
- Supports ORing information

Specifications

ORing Model	Open-Vision 50	Open-Vision 100	Open-Vision 300	Open-Vision 500	Open-Vision 1000
General					
Device units	50	100	300	500	1000
	Free Download	Use the license key to unlock the 50 units limit			
Architecture	Web-based operation				
Languages	English				
Topology View					
Account Management	Support account creation and management Support roles (e.g., Administrator, Manager, User) with specific permissions				
License Management	Support active and deactivate license				
Device Discovery	Supports Oring and third party SNMP devices Supports end device connected on switch (require enable device binding) IPv4 address range scanning Support adding new device manually Supports loading topology from existing backup file without re-discovery				
Link Discovery	Supports creating link manually Supports redundant link on topology (back up link in dotted line) Supports multiple link topology with relative port number				
Topology View	Display devices information in IP, system name, annotation and port number Supports third party SNMP devices (supports customized device icon) Show device roles of network redundancy protocols Supports customized device icon Supports topology centralize layout mode				
Device Information	Device name, device description, ip address, mac address Ring information				
Host Monitor	Supports continuous monitoring of specified hosts' connectivity status and triggers alerts or actions upon detecting a disconnection to ensure network stability.				
Traffic analysis	Traffic information on each port Multiple ports performance monitoring Upper and lower traffic budget setting and flow alert Recording historical network traffic				
Topology Saving	Support saving topology to a topology backup file Support printing current topology				
Refresh	Supports periodical discovery with specific time interval Supports refresh manually Supports retry times setting for unstable networking environment				
SNMP	Support trap agent to receive SNMP trap Support SNMP V1, V2 and V3				
Syslog	Supports event log and SNMP traps Support clear log Support export log to csv file				
Event handling	Support disconnection event handling to confirm event status				
CyberSIEM					
Detecting malicious	Supports monitoring network traffic, identifying potential intrusions or malicious behavior, and generating alerts				

Real-time threat blocking	Supports taking immediate action to block the attack, mitigating potential threats

System Requirement

Software Requirements	
Operating System	Windows 11 Windows 10
Browser	Google Chrome, Microsoft Edge and Firefox
Hardware Requirement	
CPU	Intel Core 2 Duo 2.4 GHz or above
RAM	1G or above
Hard Disk Space	1G or above
End Device Requirement	
Network Protocols	TCP/IP UDP SNMP

Ordering Information

Open-Vision Pro v5.0

Model Name	Description
Open-Vision 50 (Free Download on Website)	Powerful Network Management Windows Web-based Operation, 50 IP devices
Open-Vision 100	Powerful Network Management Windows Web-based Operation, 100 IP devices
Open-Vision 300	Powerful Network Management Windows Web-based Operation, 300 IP devices
Open-Vision 500	Powerful Network Management Windows Web-based Operation, 500 IP devices
Open-Vision 1000	Powerful Network Management Windows Web-based Operation, 1000 IP devices