CyberScope®
Edge Network Vulnerability Scanner

Fast and comprehensive security assessments at the edge

- Endpoint and Network Discovery
- Rogue AP and Client Location
- Network Vulnerability Assessment
- Wireless Security Confirmation
- Segmentation & Provisioning Validation

Overview

Complete visibility. It's what you need but despite all the resources you have, there are still critical gaps. Today's dynamic and accessible edge networks, with their proliferation of endpoints (IT/OT/IoT) and increasing Wi-Fi use cases are often beyond the sight of central platforms.

CyberScope offers unique and comprehensive network security assessment, analysis and reporting from a single, powerful, portable tool:

- **Easily validates controls at the edge**
- **Inventories everything including IoT, OT, unmanaged devices, wired and wireless**
- **Quickly tests and demonstrates policy compliance**
- **Enables collaboration and sharing between teams**

As a ruggedized, purpose-built all-in-one tool, CyberScope is a network security solution that eliminates the use of fragile laptops and tablets. With multiple functions, it provides fast, actionable insights on-prem into your edge networks, filling the critical visibility gaps that other cybersecurity tools may not address.

Site Assessments Simplified

Security practitioners and network engineers can use CyberScope to quickly identify every Ethernet, Wi-Fi, and BT/BLE device on your edge network, pinpoint exactly where it is connected, and instantly determine if it is friend or foe.

CyberScope users SEE and KNOW their network

Security practitioners and network engineers can use CyberScope to quickly identify every Ethernet, Wi-Fi, and BT/BLE device on your edge network, pinpoint exactly where it is connected, and instantly determine if it is friend or foe.

CyberScope Integrates Nmap

Nmap technology is fully integrated in CyberScope with a simplified user interface making scan execution easy for beginners while providing advanced features for experienced users, helping reduce the risk of successful attacks. Nmap endpoint audits can be executed as part of network discovery against every device, as targeted probes using CyberScope's AutoTest, or run as needed with built-in or custom scripts.

NOTE: CyberScope is available in three different versions. The full function CE version includes wired Ethernet and wireless (Wi-Fi and BT/BLE) capabilities. Wired only (XRF) and wireless only (AIR) models are also available - specific capabilities depend on the version.

Key Features

- **Wi-Fi security validation** – Supports WiFi 2.4, 5 and 6 GHz bands, offers numerous advanced cybersecurity capabilities to test for presence and use of wireless attributes (WiFi PMF/Personal/Client Isolation, mDNS/ ZeroConf, and beaconing).

- **Wireless discovery with integrated vulnerability scanning** – Quickly inventory WiFi and Bluetooth/BLE infrastructure/IoT/OT/ICS devices, locate rogue assets, scan for vulnerabilities with integrated Nmap technology, and compare against baselines.

- **Integration of Nmap with AutoTest** – Perform automated tests to validate infrastructure hardening including SNMP, HTTPS, SSH, management VLAN, and network segments and scan for vulnerabilities.

- **Automated discovery monitoring** – Generate baselines, upload ongoing snapshots to Link-LiveTM for fast detection of new/missing/ transitory or infrastructure device/network changes.

- **Link-Live™ collaboration, reporting, and analytics integration** - Maximize team efficiencies, enhance assessments/audits, improve WiFi cybersecurity posture with the combination of CyberScope and Link-Live.

Models & Accessories

WiFi 6/6E regulatory compliance implementation of the 6GHz spectrum varies by country. CyberScope models are available in three versions: Full Tri-Band (capability across the entire 6GHz band), Partial Tri-Band (capability for only certain channels in the 6GHz band as determined by 802.11d regulatory domain information), and Dual Band Only (for countries where operation in the 6GHz band is not allowed.)

NOTE: All new CyberScope mainframes are sold with the first year (1 year) of AllyCare support included. Additional year(s) of support may be added. Product registration and activation is required within 30 days of first power-on.

	Model Number / Name	Description
WIRED & WIRELESS	**CYBERSCOPE-CE**	CYBERSCOPE-CE mainframe (FULL TRI-BAND) with one year of AllyCare support (CYBERSCOPE-1YS), NXT-1000 Spectrum Analyzer, G3-PWRADAPTER, SFP+MR-10G850, RJ-45 inline coupler, EXT-ANT-TRIBAND directional antenna, WIREVIEW 1, Quick Start Guide, and hardened carry case.
	CYBERSCOPE-CE-E	CYBERSCOPE-CE-E mainframe (PARTIAL TRI-BAND) with one year of AllyCare support (CYBERSCOPE-1YS), NXT-1000 Spectrum Analyzer, G3-PWRADAPTER, SFP+MR-10G850, RJ-45 inline coupler, EXT-ANT-TRIBAND directional antenna, WIREVIEW 1, Quick Start Guide, and hardened carry case.
	CYBERSCOPE-CE-C	CYBERSCOPE-CE-C mainframe (DUAL BAND) with one year of AllyCare support (CYBERSCOPE-1YS), NXT-1000 Spectrum Analyzer, G3-PWRADAPTER, SFP+MR-10G850, RJ-45 inline coupler, EXT-ANT-TRIBAND directional antenna, WIREVIEW 1, Quick Start Guide, and hardened carry case.
WIRELESS ONLY	**CYBERSCOPE-AIR**	CYBERSCOPE-AIR mainframe (FULL TRI-BAND) with one year of AllyCare support (CYBERSCOPE AIR-1YS), NXT-1000 Spectrum Analyzer, G3-PWRADAPTER, EXT-ANT-TRIBAND directional antenna, Quick Start Guide, and hardened carry case.
	CYBERSCOPE-AIR-E	CYBERSCOPE-AIR-E mainframe (PARTIAL TRI-BAND) with one year of AllyCare support (CYBERSCOPE AIR-1YS), NXT-1000 Spectrum Analyzer, G3-PWRADAPTER, EXT-ANT-TRIBAND directional antenna, Quick Start Guide, and hardened carry case.
	CYBERSCOPE-AIR-C	CYBERSCOPE-AIR-C mainframe (DUAL BAND) with one year of AllyCare support (CYBERSCOPE AIR-1YS), NXT-1000 Spectrum Analyzer, G3-PWRADAPTER, EXT-ANT-TRIBAND directional antenna, Quick Start Guide, and hardened carry case.
WIRED ONLY	**CYBERSCOPE-XRF**	CYBERSCOPE-XRF mainframe (WIRED ONLY) with one year of AllyCare support (CYBERSCOPE-XRF-1YS), G3-PWRADAPTER, SFP+MR-10G850, RJ-45 inline coupler, WIREVIEW 1, Quick Start Guide, and hardened carry case.
ALLYCARE	**CYBERSCOPE-1YS**	1-year AllyCare Support for CyberScope
	CYBERSCOPE-2YS	2-year AllyCare Support for CyberScope
	CYBERSCOPE-3YS	3-year AllyCare Support for CyberScope

Specifications

General	
Dimensions	4.05 in x 7.67 in x 2.16 in (10.3 cm x 19.5 cm x 5.5 cm)
Weight	1.68 lbs. (0.77 kg)
Battery	Removable, rechargeable lithium-ion battery pack (7.2 V, 6.4 A, 46 Wh)
Battery Life	Typical operating life is 3-4 hours (Battery life from full charge varies depending on the feature being used); Typical charge time is 3 hours
Display	5.0-inch color LCD with capacitive touchscreen (720 x 1280 pixels)
Host Interfaces	(1)RJ-45 and (1)SFP Analysis ports; (1) RJ-45 Cable Test and Management Port RJ-45 Cable Test and Management Port; (1)USB Type-A Port and (1)USB Type-C On-the-Go Port SMA Connector (for External Directional Antenna)
Charging	USB Type-C 45-W adapter: 100-240 Vac, 50-60 Hz; DC Output Power 15 V (3 A)
Media Access	Copper: 10M/100M/1G/2.5G/5G/10G | Fiber SFP Adapters: 1G/10GBASE-X
Supported IEEE Standards	Wired: 802.3/ab/ae/an/bz/i/u/z Wi-Fi: 802.11a/b/g/n/ac/ax PoE: 802.3af/at/bt, Class 0-8 and UPOE
Cable Test	Pair lengths, opens, shorts, split-pairs, crossed, straight through, and WireView ID

CyberScope® Product Comparison

Product / Feature	(Wired/Wireless)	Air (Wireless only)	XRF (Wired only)
Ethernet Copper - 10/100 Mbps & 1/2.5/5/10 Gbps	•		•
Ethernet Fiber - 1/10 Gbps	•		•
PoE Test - Up to 90W	•		•
Wiremap & Toner - Cable Open/Short/Length	•		•
Default Gateway, DNS, IP - Unlimited Targets	•	•	•
Wi-Fi Test/Heatmaps - 802.11 a/b/g/n/ac/ax, Bands (2.4, 5, 6 GHz)	•	•	•
Wi-Fi Connection & Roaming Test	•	•	
Discover SSID, AP, & Clients	•	•	
AirWISE® Intelligence	•	•	
AP & Client Locate	•	•	
RF Traffic Statistics	•	•	
AirMapper™ Site Survey[1]	•	•	
Bluetooth/BLE Site Survey	•	•	
Wi-Fi Spectrum Analysis - Optional NXT-1000	•	•	
Network Topology Mapping[1]	•	•	•
Network Discovery[1]	•	•	•
Packet Capture	•	•	•
LANBERT™ Media Qualification	•	•	•
iPerf Performance Test	•	•	•
Line Rate Performance Test - 10 Gbps	•	•	•
Remote View/Control[1]	•	•	•
Integration of Nmap into AutoTest & Network Discovery	•	•	•
Standalone Nmap App / Custom Script Support	•	•	•
Automated Discovery Monitoring	•	•	•
Option to Disable Functionality[2]	•	•	•

[1]AirMapper enhanced site survey visualizations, Network Topology Mapping, and Remote View/Control are available to customers with AllyCare support
[2]CyberScope allows disabling of specific product capabilities for use in secure environments

cyberscope.netally.com

netAlly   simplicity • visibility • collaboration

AllyCare
PRODUCT SUPPORT

©2024 NetAlly, LLC.   CS-FL-24-V1