

CYBERSCOPE®

Edge Network Vulnerability Scanner

Fast and comprehensive security assessments at the edge

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

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.

Security 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 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

- **Portable, handheld form factor** – Easy to use or send anywhere; delivers a unique view that cannot be replicated by centralized platforms or agents
- **Wi-Fi security validation** – Supports Wi-Fi 2.4, 5 and 6 GHz bands, offers numerous advanced cybersecurity capabilities to test for presence and use of wireless attributes (WiFi PMF/Personal/Peer Segmentation, mDNS/ ZeroConf, and beaconing)
- **Discovery with integrated vulnerability scanning** – Quickly inventory infrastructure and Bluetooth/BLE 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-Live™ for fast detection of new/missing/transitory or infrastructure device/network changes.
- **Link-Live collaboration, reporting, and analytics platform** - Maximize team efficiencies, enhance assessments/audits, improve WiFi cybersecurity posture with the combination of CyberScope and Link-Live.

Models & Accessories

Wi-Fi regulatory compliance implementation of the 6 GHz 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 6 GHz band as determined by 802.11d regulatory domain information), and Dual Band Only (for countries where operation in the 6 GHz band is not allowed.)

NOTE: All new CyberScope mainframes are sold with the first year (one-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-X2	CYBERSCOPE-CE-X2 mainframe (FULL TRI-BAND) with one-year of AllyCare support (CYBERSCOPE-1YS), NXT-2000 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-X2	CYBERSCOPE-CE-E-X2 mainframe (PARTIAL TRI-BAND) with one-year of AllyCare support (CYBERSCOPE-1YS), NXT-2000 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-X2	CYBERSCOPE-CE-C-X2 mainframe (DUAL BAND) with one-year of AllyCare support (CYBERSCOPE-1YS), NXT-2000 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- X2	CYBERSCOPE-AIR-X2 mainframe (FULL TRI-BAND) with one-year of AllyCare support (CYBERSCOPE AIR-1YS), NXT-2000 Spectrum Analyzer, G3-PWRADAPTER, EXT-ANT-TRIBAND directional antenna, Quick Start Guide, and hardened carry case.
	CYBERSCOPE-AIR-E-X2	CYBERSCOPE-AIR-E-X2 mainframe (PARTIAL TRI-BAND) with one-year of AllyCare support (CYBERSCOPE AIR-1YS), NXT-2000 Spectrum Analyzer, G3-PWRADAPTER, EXT-ANT-TRIBAND directional antenna, Quick Start Guide, and hardened carry case.
	CYBERSCOPE-AIR-C-X2	CYBERSCOPE-AIR-C-X2 mainframe (DUAL BAND) with one-year of AllyCare support (CYBERSCOPE AIR-1YS), NXT-2000 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	One-year AllyCare support for CyberScope
	CYBERSCOPE-2YS	Two-year AllyCare support for CyberScope
	CYBERSCOPE-3YS	Three-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-2000	•	•	
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	•	•	•

¹AirMapper enhanced site survey visualizations, Network Topology Mapping, and Remote View/Control are available to customers with AllyCare support

²CyberScope allows disabling of specific product capabilities for use in secure environments

cyberscope.netally.com

 simplicity • visibility • collaboration



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