

CYBERSCOPE® AIR

Wi-Fi 6 & 7 Vulnerability Scanner & Tester

Fast and comprehensive wireless security assessments and testing at the edge

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

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

- Validates Wi-Fi edge infrastructure hardening and controls
- Inventories everything including IoT, OT, and unmanaged devices
- Generate secure baselines, rapidly identify deviations and questionable activity
- Quickly test and demonstrate security policy compliance

As a ruggedized, purpose-built all-in-one tool, CyberScope Air is a network security and testing 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 and testing tools may not address.

Security Assessments Simplified

Security practitioners and network engineers can use CyberScope Air to quickly identify every 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 Air 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 Air'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

- **Wireless discovery with integrated vulnerability scanning** – Quickly inventory infrastructure and WiFi and Bluetooth/ BLE/IoT/OT/ICS devices, locate rogue assets, scan for vulnerabilities with integrated Nmap technology, and compare against baselines.
- **Simple UI / secure remote access** – Valuable for all staffing levels; expert staff can remotely assist from anywhere.
- **Wi-Fi visibility** - Real-time 2.4, 5, and 6 GHz bands situational awareness; visibility into essential Wi-Fi 7 parameters (including MLO) is ideal for confirming deployment of 802.11be access points and assessing client support.
- **Wi-Fi security audits** – Detect security issues like improper Wi-Fi security protocols, client isolation, suspicious broadcasts, and rogue devices.
- **Link-Live collaboration, reporting, and analytics platform** – Maximize team efficiencies, enhance assessments/audits, improve Wi-Fi 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 6 GHz 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	4.98 in x 7.68 in x 1.65 in (102 mm x 196 mm x 42 mm)
Weight	1.05 lbs. (0.48 kg)
Battery	Rechargeable lithium-ion battery pack (3.63 V, 9.75 A, 35.39 Wh)
Battery Life	Typical operating life is 10 hours (Battery life from full charge varies depending on the feature being used); Typical charge time is 3-4 hours
Display	5.0-inch color LCD with capacitive touchscreen (720 x 1280 pixels)
Host Interfaces	(2 USB Type-A Ports USB Type-C Power and On-the-Go Port RP-SMA External Antenna Port
Memory	Approximately 8 GB available for storing test results and user applications
Charging	USB Type-C 45-W adapter: AC Input Power 100-240 V, 50-60 Hz; DC Output Power 15V (3A)

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 GHz, 5 GHz, and 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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