FLYER

908devices

Beyond Identification

Identify major drugs. Quantify the purity. Know the THC concentration. Results in under 5 seconds, in a form factor you already know.

Point. Press. Know in under 5 seconds.

NIRLab is a handheld Near-Infrared (NIR) narcotics analyzer shaped like a tactical flashlight. Point the device at the sample, press one button, and the result appears on your smartphone in under 5 seconds. No sample preparation. No reagents. No expiration date. No laser safety. No training burden.

What it Identifies:

- Methamphetamine and amphetamine (all forms)
- Cocaine HCl and freebase cocaine
- Heroin, fentanyl, acetylfentanyl, and fentanyl analogs
- MDMA, MDA, and synthetic cathinones
- Cannabis: quantified THC and CBD concentration
- Xylazine (tranq), nitazenes, and benzodiazepines
- Ketamine, PCP, and dissociatives
- Cutting agents, adulterants, and precursor chemicals
- Continuously updated library, automatically synced via cloud

What It Does That Leading Raman Technology Cannot:

Purity Quantification: 78% Methamphetamine, not just "meth present".

THC Concentration: Quantified THC% for probable cause in cannabis cases across 46 states.

No Laser: No eye hazard, no ignition risk in vehicles or near flammables.

Automatic Updates: Cloud-based library refresh, no manual sync required.

Fluorescence Immunity: Minimally affected, no consumable kit required.

Scientific Credibility

NIRLab's narcotics library is trained and validated on 40,000+ real-world, GC-MS-backed samples through an ISO 17025 accredited laboratory framework. GC-MS is the forensic gold standard used by crime labs worldwide. 8 peer-reviewed publications in Forensic Science International document field performance. No other handheld narcotics analyzer publishes this depth of validation.



The Cannabis Gap: Where Other Field Tools Fall Short

Cannabis is the most commonly seized substance in US drug enforcement. Leading Raman technology cannot analyze plant material and cannot output THC or CBD concentration. In 46 states with cannabis legal complexity, that means a significant share of every seizure log produces no actionable result from a Raman device.

NIRLab is the only handheld narcotics analyzer that provides quantified THC percentage for probable cause. This capability is uncontested by every Raman device on the market.

Three Ways to Get Started

Virtual Demo: 30-minute virtual demonstration of NIRLab scanning drug analogs, followed by a live Team Leader dashboard walkthrough. Fastest path from conversation to proposal.

7-Day Field Trial: We ship the device for 7 days. Your officers scan actual evidence. Team Leader logs everything automatically. On Day 7 you receive a usage report with substance types, purity data, and scan count.

SME Field Visit: A retired narcotics commander visits in person. Live demo with certified training substances, command briefing, and a Team Leader dashboard walkthrough using real regional data. For large accounts and HIDTA task forces.

Device Specifications

Form factor	Tactical flashlight shape
Weight	Under 250 g (9 oz)
Dimensions	194 mm x 47 mm (6.64" x 1.85")
Scan time	Under 5 seconds typical
Battery life	10 hours continuous (5,000+ scans)
Connectivity	Bluetooth 4.1 and USB 2.0
App	iOS and Android (NIRapp)
Languages	13 supported
IP rating	IP67 dust and water resistant
Shock	MIL-PRF-28800F Class 2
Laser	None: tungsten lamp, zero hazard
Maintenance	Zero: lamp rated 40,000+ hours
Origin	Manufactured in the United States
Warranty	1 year on manufacturing defects

Ask Us for a Virtual Demo Today:
908devices.com/demo/

Proven in the Field

30+	40,000+	8	ISO
Countries with active deployments	GC-MS-backed library validation samples	Peer-reviewed forensic publications	17025 accredited lab validation

*Patented technology: **www.908devices.com/patents/**. © 2026 908 Devices – 05/2026.*