MOBILE NIR

Substance and Chemical Identification

DETECTACHEM

Instant Identification

The MobileNIR from DetectaChem uses Near-Infrared (NIR) light technology to rapidly identify chemical substances and concentrations in the field in seconds.

AI-Powered Analysis

MobileNIR utilizes the free MobileDetect App to provide instant report generation and advanced AI analysis of results, giving users deeper insight into test results and substance subcategories.





Your Agency Will…

- ★ **Identify organic materials**, such as cannabinoids
- ★ Easily **scan colored materials** like pills
- ★ Determine the **concentration of a substance** in a mixture
- ★ Engage in **non-destructive scanning** with no black powder ignition
- ★ Travel light with **pocket-sized, smartphone-powered** identification

Safer, Smarter Field Analysis

Non-Hazardous Scanning Technology

MobileNIR does not pose ignition risk to black powders or any other substances, and there are no eye safety hazards when using the device.





Reliable Results on Organics

Unlike other technologies, MobileNIR can easily scan organic substances, such as THC, CBD, mushrooms, kratom, and more.

MobileNIR Specs

Technology	Near-Infrared Spectroscopy | Spectral Range: 950-1700nm | Resolution: 8nm
Substances Detected	Organic Materials, Drugs, Narcotics, and Explosives
Library Size	2,000+ substances
Device Size	3.44in H x 2.52in W x 1.47in D (8.74cm H x 6.41cm W x 3.73cm D)
Device Weight	6.91oz (196g)
Power Supply	Internal 3.7-volt lithium polymer battery pack | DC wall adapter with charge cord
Data Export	PDF, CSV, or text | Export via WiFi, cellphone data, or SD card
Connectivity	Bluetooth wireless or hardwired tether | Android and Apple devices
Languages	English | Other languages optional

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