



# MOBILE NIR

## Substance and Chemical Identification



### 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 (i.e. 75% cocaine)
- ★ 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

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