

SERS Reader - Smart Drug Sensor

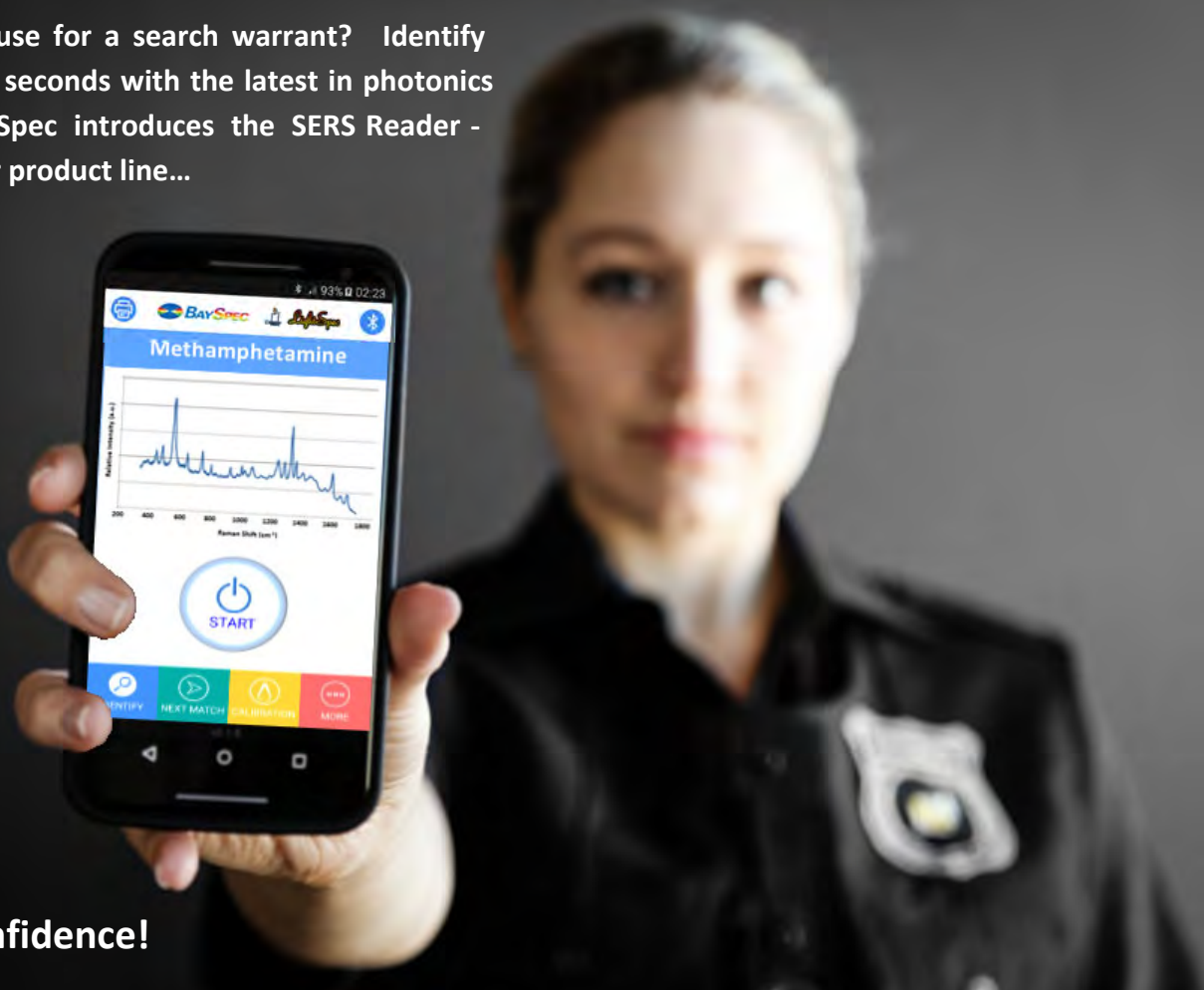


SERS Reader - FR Smart Drug Sensor

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Have probable cause for a search warrant? Identify illicit drugs within seconds with the latest in photonics technology. BaySpec introduces the SERS Reader - Smart Drug Sensor product line...



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**BaySpec, Inc.**

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## Key Specifications:

Model	Nano-LB™	Belt-Wearable™
		
Built-in Light Source	Laser	
Probing Power	0 - 10 mW / up to 80 - 100 mW	
Spectral Range	400 – 2300 cm <sup>-1</sup>	350 – 2400 cm <sup>-1</sup>
Resolution	15-19 cm <sup>-1</sup> (Rayleigh criteria)	
Dimensions	~ 63 mm x 39 mm x 17 mm	~ 70 mm x 56 mm x 27 mm
Weight	63 grams	118 grams
Power	Built-in rechargeable battery; ~8 continuously working hours per charge	
User Interface	LightSpec App for Smartphone (iOS or Android, and PC)	
Connectivity	Bluetooth, USB 2.0	
Measurement Modes	Easy-access hardware buttons ergonomically arranged on device or through software interface	

TYPICAL APPLICATIONS: Detection of illicit drugs, pesticides, fertilizers, explosive materials, etc.

*BaySpec*, founded in 2000 with 100% manufacturing in San Jose, California, is a vertically integrated spectral sensing company. BaySpec brings the lab to the sample by designing and manufacturing advanced spectral instruments with an emphasis on light weight and low power consumption.

Our miniature UV-VIS-NIR-SWIR spectrometers, chemical sensors, hyperspectral imagers, portable mass spectrometers, and OEM spectral engines and components have been deployed in a wide range of markets such as Safety & Security, Food & Agriculture, Pharmaceuticals, Semiconductor, Healthcare, Telecommunications, and Research & Science.

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