



# Boundless Security Systems, Inc.

*low power outdoor wireless covert camera systems*

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FOR IMMEDIATE RELEASE

## What Can Law Enforcement Do Now That Supreme Court Has Ruled Against Cell Phone Tower Tracking?

Boundless Security's patented *Stranger Detector™ Smartphone WiFi Monitoring Locating System* detects patterns of presence to help solve recurring crimes at particular locations

June 25, 2018. Boundless Security Systems, Inc., [BoundlessSecurity.com](http://BoundlessSecurity.com), Newtown, CT, announces its patented *Stranger Detector™* Smartphone WiFi Monitoring Locating System to help law enforcement solve recurring crimes at locations where it is placed. The *Stranger Detector™* receives WiFi probes sent by nearby mobile devices, detects patterns of presence, and integrates with video surveillance, providing probable cause of crimes and immediate alerts. In contrast, cell phone carriers have collected cell phone tracking data over large areas at cell phone towers and provided this information to law enforcement without a search warrant, a frequently used technique banned by the Supreme Court on June 22, 2018, in *Carpenter v. United States*.

*“The **Stranger Detector™** is not a replacement for cell phone tower tracking information. It is an alternative way to combat recurring crimes at locations, and groups of locations, where it is placed,”* according to Steve Morton, Boundless' CEO and system architect. *“We integrated the reception and analysis of WiFi probes from mobile devices with video surveillance and built the combination into our compact, rapid deployment, outdoor covert video surveillance systems. It enables law enforcement to find patterns of presence and associate a face with a crime. This shows probable cause that can be used in a court of law to compel the cell phone manufacturer to disclose the owner of the smartphone used and enable cell phone tower tracking to be used.”*

Morton, who has been awarded two U.S. patents on the *Stranger Detector™*, continues, “Drug trafficking, robberies, arson, and hazardous and illegal waste dumping, among others, often recur in the same area or in chains of locations such as banks and retail stores. Once a crime occurs at a particular location, the *Stranger Detector™* can quickly be installed there, or in multiple similar locations, and integrated with existing surveillance cameras. Our *Outdoor Covert*

*Cellular Smart uPTZ Camera System with Stranger Detector™ Locating System* combines both functions into one compact, rapidly deployed unit. Mobile devices, unless their WiFi is turned off, constantly send out WiFi probes to search for WiFi hotspots as an inexpensive way to connect to the Internet. The next time a crime is committed at one of these monitored locations, the *Stranger Detector™* data base of WiFi probes can be searched to see which WiFi MAC addresses were present. WiFi MAC addresses contained in these probes are randomized by some mobile devices to thwart nearby tracking, but phones use their normal values to communicate, for which patterns of presence can be determined. Checking the surveillance video at the time WiFi probes were received enables law enforcement to visually determine the user of a particular mobile device. In addition, the *Stranger Detector™* sends alerts when it detects particular WiFi MAC addresses, or when it detects any WiFi MAC addresses in an area that should not be occupied, to signal the arrival or departure of a suspect in real time.”



*Outdoor Covert Cellular Smart uPTZ Camera System with Stranger Detector™ Locating System*

6” high x 8” wide x 3.5” deep, second cell antenna not shown; for size reference: tiles are 12” square

**Photo**

<http://preview.tinyurl.com/zb2noub>  
[www.BoundlessSecurity.com/images/BoundlessSecurity-Smart-uPTZ-Pole-Camera-DSCN2868-c2017.jpg](http://www.BoundlessSecurity.com/images/BoundlessSecurity-Smart-uPTZ-Pole-Camera-DSCN2868-c2017.jpg)

**Literature** (see esp. pages 4 and 5)

<http://tinyurl.com/y7d3knxh>  
<http://boundlesssecurity.com/documents/BoundlessSecurity-Outdoor-Covert-Cellular-Smart-Pole-Camera-with-Smartphone-WiFi-Monitoring-flyer.pdf>

## **About Boundless Security Systems, Inc.**

Boundless Security Systems, Inc., [BoundlessSecurity.com](http://BoundlessSecurity.com), was founded in 2003. Boundless manufactures very low power, ultra-low bandwidth, cellular, covert outdoor uPTZ camera systems. Steve Morton is its CEO/CTO. He has a BSEE/MSEE from MIT and has been awarded 24 U.S. Patents, including two on the *Stranger Detector*<sup>™</sup> Smartphone WiFi Monitoring Locating System.

## **Keywords and Phrases**

cell phone tracking, Supreme Court, Carpenter, cellular pole cameras, outdoor covert video surveillance, 16-402, smartphone WiFi monitoring, law enforcement, Stranger Detector<sup>™</sup>

## **Interviews**

For more information or to schedule an interview, call Steve Morton at 203-445-0562, or e-mail him at info (at) BoundlessSecurity (dot) com.

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