

## V2800E Walk-through Cell Phone Detector

This rugged walk-through portal is designed for use in jails, prisons and other high security facilities where cellular phones are prohibited.

The V2800E utilizes a new and novel RF technology, proprietary to Vadum, to detect cellular phones. This automatic discrimination system utilizes complex probing signals to identify the presence of a cellular phone.

**Whether a phone is powered on or powered off, whether the phone has a battery installed or has the battery removed, even if the phone is partially disassembled, the V2800E will detect the phone.**

The V2800E detects devices in the frequency spectrum used in the following wireless standards:

AMPS	GSM
CDMA	PCS

The V2800E has been successfully tested with phones used by all the major wireless carriers, including but not limited to: Verizon, Alltel, Cingular, AT&T, Sprint, T-Mobile, Nextel, Cellular One, SunCom, and U.S. Cellular.

The V2800E has been successfully tested with all of the major cellular phone manufactures, including, but not limited to: Nokia, LG, Motorola, Sony Ericsson, Kyocera, Samsung, Research In Motion, and PalmOne,



Actual detection of a cellular phone, with the battery removed, displayed on a spectrum analyzer

**For more information contact us at:**

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## V2800E Walk-through Cell Phone Detector Specifications

### Features:

#### Operating Temperatures:

-4 degrees Fahrenheit (-20 degrees Celsius) to +158 degrees Fahrenheit (70 degrees Celsius); humidity to 95% non-condensing

#### Power:

110/120 VAC. Power supply meets UL standards.

#### Construction:

Outer case is rugged powder-coated steel.

#### Alarms:

Alarm light and audible alarm are activated by a positive detection of a cellular phone.

#### RF Operation Frequency:

800MHz—950Mhz

#### RF Detection Frequency:

800MHz—950MHz  
1900MHz—2000MHz

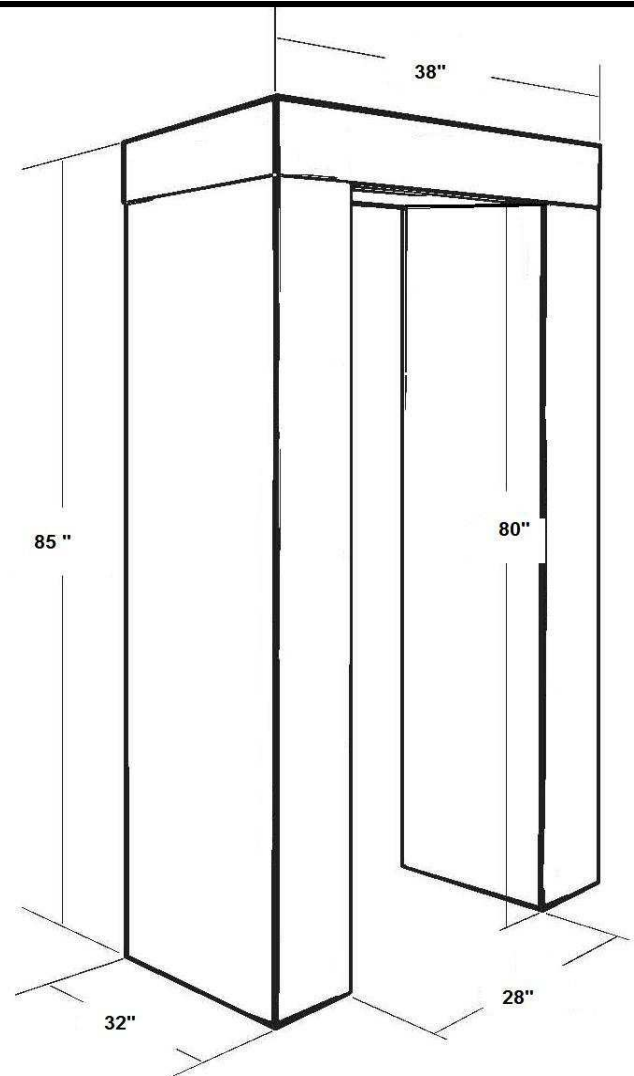
#### Detection Distance:

Approximately 3 ft.

#### Note:

The V2800E is currently in limited production. Contact Vadum, Inc. for demonstration availability and pricing.

### Dimensions:



#### About Vadum:

Vadum Inc., founded in 2004, is an electronics engineering company specializing in the development of novel radio frequency technologies and sensors.

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