

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

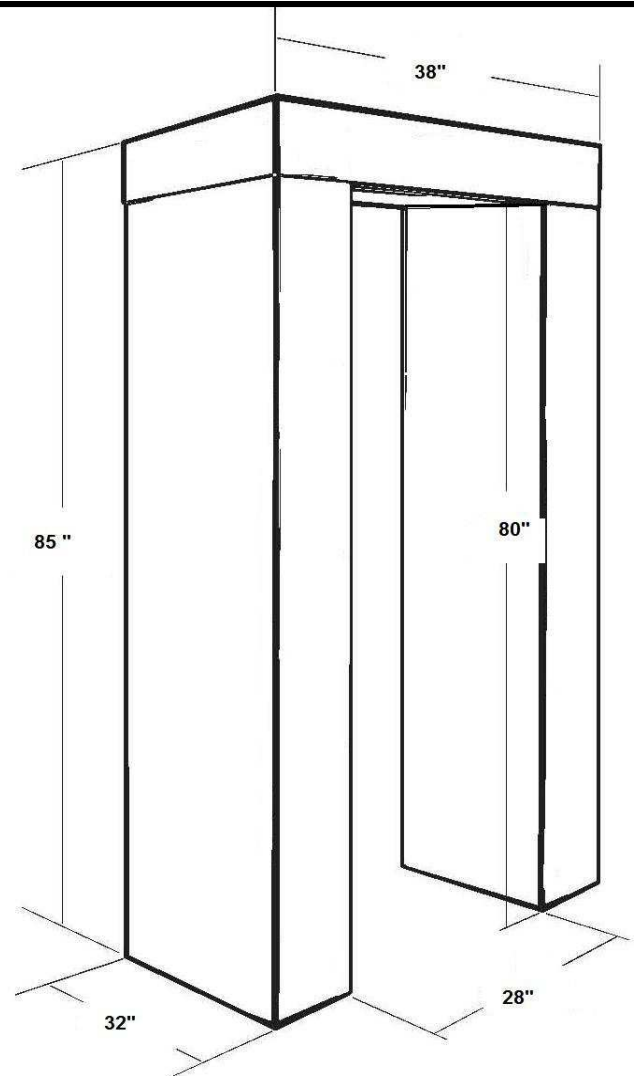
Detection Distance:

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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