

MOBILE PHONE DETECTOR

The Jacques Mobile Phone Detector is a standalone device which is able to detect when a mobile phone is switched on or used in any manner. This device is ideal for installation where mobile phone use is either unauthorised or dangerous. Signals emitted by any mobile phone on 3G, GSM or CDMA networks transmit a signal which is detected by the device's antenna and is then amplified and processed by the sensitive low noise electronic unit.

COMPATIBILITY

The Jacques Mobile Phone Detector is available as a standalone device or covertly integrated with a Jacques slave intercom station for use with

- The Jacques 650 Series VoIP Integrated Communications System
- The Jacques 550 Series RS-485 Controlled Networked Intercom System

FEATURES

The standalone version is a complete self contained package that includes the following features

- RS-232 Connection for logging to PC and configuration changes
- Integral alarm buzzer
- Integral flashing alarm lamp
- Relay I/O for connection to 3rd party monitoring systems
- AUX I/O to drive external lamps and sirens

Similar features are available with the slave intercom station version, with the addition of directly interfacing to the Jacques range of networked intercom systems.

The Jacques Mobile Phone Detector responds to signals when the mobile phone is first switched on and additionally will detect the presence of a mobile phone whenever it is in use. This includes SMS, phone calls, and data links.

Sensitivity of the device in confined spaces can be adjusted for each individual application. For example, in prison cells the range can be set to a few metres to detect signals in one individual cell only, and not in adjoining cells. When connected to the Jacques 650 Series VoIP Integrated Communications System the signal strength can be monitored which will accurately locate the position of the mobile phone.

If a mobile phone is detected, staff are notified of the event which is logged by the Jacques 650 Series VoIP Integrated Communications System. The system can then sound an alarm or siren, send an email or activate a light. This event is simultaneously annunciated on the control station display.



ORDERING INFORMATION

Contact a Jacques Sales Representative:

Phone: +61 7 3844 1103 for your sales quote

Email: sales@jacques.com.au

www.jacques.com.au

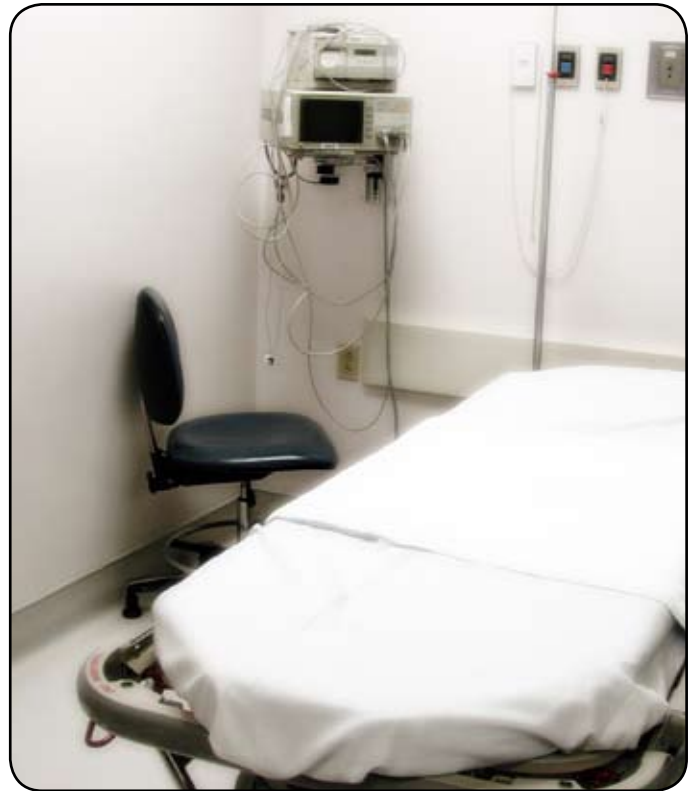
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APPLICATIONS

The Jacques mobile phone detector has wide applications and is useful in areas where mobile phone usage is either dangerous or unauthorised

- Prisons, police stations and courts of law when supervised persons are unauthorised from using mobile phones
- Medical centres and hospitals when the use of a mobile phone may effect the operation of medical equipment
- School classrooms where the use of mobile phones is banned during class hours
- Fuel refilling stations where the use of mobile phones is dangerous
- Any application where the use of mobile phones is unwanted, unauthorised or disturbing



SPECIFICATIONS

Antenna	External, Jacques Broadband or Customer Approved
External Antenna Connection (Box version only)	SMA Type Connector,
Frequency Range	RF, 800MHz – 2.4GHz
Number of Channels	Four (4), Independent RF Filtered
Detection	Simultaneous Channel Analysis
Configuration	Jumpers (2), 2mm removable
Power Supply	DC +12V to +32V
Power Consumption	< 1.5W
Networks	3G, GSM, CDMA
Range	Up to 21 Metres in open air Sensitivity adjustable for individual application



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