

S.W.A.T

World Leader in Supplying
S.W.A.T Equipment and Training

SEE THROUGH WALL HUMAN SENSOR

TA02020



*Image is for illustration purposes only

PRODUCT DESCRIPTION

- Provides easily-available information regarding movement, distance, speed and direction of objects behind walls on a light, military specified device.
- Intuitive operator interface with graphical “movement types indications” requiring minimal operator training.
- Remote connectivity allows several CPR4s to be monitored and controlled from remote location.
- Android Device: numerous networking units may be monitored and controlled remotely in real time from a command center.
- Typical detection range to a human in a 70 degree sector is 3-5 m behind a 20 cm concrete wall, 5-10 meters behind an interior wall, 25 meters with an absence of obstacles.
- Operational time: between 8-16 hours on internal standard AA batteries.
- Ergonomic, lightweight, robust case size: 9/12x20x3 cm and 600 gr.
- Backlighting for nighttime/ strong daylight usage.

ONE STOP SHOP

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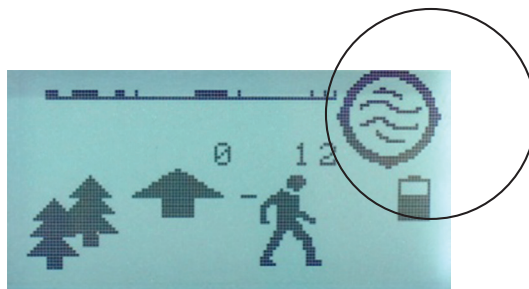


ADVANTAGES

- Lightweight design & fast relay of tactical data.
- Advanced monitoring & remote networking capability.
- Little training required
- Upgradable as new features become available.
- Low pricing.
- High level of accuracy.

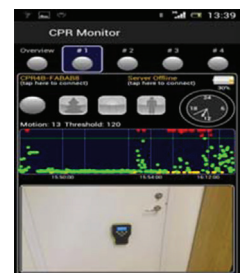
FUNCTIONAL DESCRIPTION

The Handheld transmits electromagnetic energy of a certain frequency, which is reflected on all surfaces it reaches. It also penetrates all kinds of materials except homogenous (continuous) metal plates. In turn, the energy returns back to the radar. The returned frequency is the same as the transmitted for static objects and for moving objects the returned frequency is different, higher or lower. This is called the “Doppler Effect.” This difference provides an alarm which may be audible and/or visible.



ADVANCED REMOTE NETWORKING FEATURES

- Up to 4 x Handheld devices can be simultaneously monitored and controlled by one Android Smartphone.
- Up to 4 Android Smartphones can upload all information in real time to Windows based Command Centre (Total 16 Units).
- Easy to understand, configurable display including image of location of each device.
- Ideal for remote command.
- History of movement over time can be assessed for long term surveillance.



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TECHNICAL SPECIFICATIONS

The hand-held device is a narrow band Doppler radar featuring CW 10GHz transmitted power below 15 mW. It features a power density of 1 mW/cm³ at 5 mm distance and 0,72 uW/cm³ at 1m. (The max exposure level is 7 mW/cm³, complying with IEEE-recommendations).

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