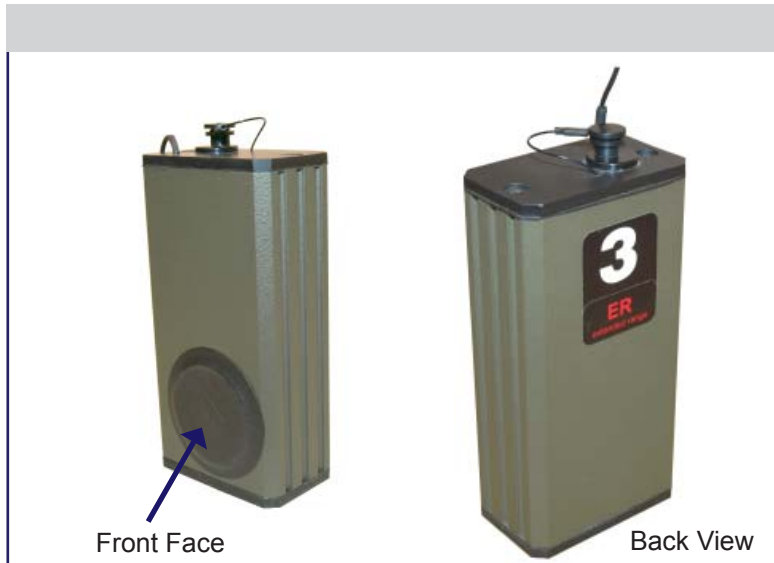


P3-100 Microwave Point Sensor



The P3-100 Microwave Point Sensor is a motion sensor with a sensing “bubble” roughly 10-12 feet [3-3.5m] from the sensor face. The detection area is variable depending upon the type of target. A walking man will be detected at a shorter range than a large vehicle like a truck or a tank. The sensor unit has a short antenna wire which protrudes and should not be folded or coiled. The range of the wireless transmission from the sensor to the Body Worn Monitor is affected by the surroundings. Dense vegetation or buildings will reduce the maximum range of operation. These sensors must also be placed facing toward the area being monitored for optimal operation. The sensor is designed to allow correct orientation by feel in case of night operations.

Features

- Rapid Deployment
- Transmits from 200 to 400 yards to BWM
- Up to 3.5 m detection range
- **XD Version = Extended Duration (30 days per charge)**

Positioning Sensor

Place sensor with its face pointed in the primary direction to be monitored. Sensor identification number is printed on the back of the sensor. For example, to monitor movement in a hallway by positioning the sensor on a ceiling, attach sensor to ceiling or place within a suspended ceiling face side down. To monitor movement through a doorway by positioning sensor within door frame or on adjacent wall, attach sensor face side toward doorway. Can be placed in basement or crawl space facing up, to detect movement on the floor above. [Note: Sensors will detect through most common construction materials although metal or unusually thick surfaces will interfere with sensor performance.]

Sensors have been programmed with a 5 second “lag” time following activation to allow operators to clear the sensor detection zone after placing and arming sensor.

Sensor may be installed with Velcro or double-sided tape on walls, ceilings, door frames, stairwells, etc. Sensors may also be placed covertly on the floor or other fixture with the face side up.

The sensor function is most optimum when set approximately a foot or more above the ground. In this case the antenna will be most effective. It is possible to degrade the antenna performance by putting it into close proximity with large metal posts or other metal objects. If the sensor must be mounted to metal objects, try to bend the antenna as far away from metal as possible..

Exterior sensor placement may include pathways, doorways, driveways, underneath parked vehicles, surrounding sensitive assets, etc. Do not position sensors in areas where there is predictable movement that is not desired to be monitored, for example, swaying tree branches, or nearby vehicular or pedestrian traffic. Sensing pattern is most effective in a 120 degree arc.

Sensing range is 10 - 12 feet [3 - 3.5m] radius.

Activate Sensor

- Determine the unique identification number on back of the sensor.
- Record the location of the monitored zone on the BWM.
- Remove On/Off Plug to activate sensor. This connection is also the charging port.
- Replace On/Off Plug when not in use to prevent battery drain.