GPR-DETECTOR

GPR-Detector is a portable and easy-to-use GPR (Ground Penetrating Radar) solution, designed for locating moving people behind several reinforced-concrete walls and multi-layer building constructions in real time.

Features
- Locates people behind several reinforced concrete walls of up to 0.6 meters thick and multi-layer building constructions
- Detects movement of people through several walls or/and other types of obstacles in real time
- Up to 21 meter detection range
- User-friendly interface
- Wireless video for remote display (optional)
- Operable at a safe distance from a wall (up to 100 meters within the line-of-sight coverage)
- Two operating modes (Moving Object Detection mode and Search GPR mode)

Applications
- Detection of moving people behind reinforced concrete walls
- Detection of caches
- Detection of holes, underground communication passes, hideouts
- Detection of contraband criminal disposals, etc.
- Detection of mine-explosive devices, including uncased ones or those in non-metal cases, placed in building constructions as well as under roads and railways.

LOGIS-GEOTECH
GPR-Detector RO-900

RO-900 is a small, portable device designed to locate people hidden behind reinforced concrete, brick and multi ply walls.

RO-900

RO-900 allows its operators to quickly receive crucial information about location, distance and movement of a given target. It also can detect someone breathing, which makes it especially useful during search and rescue operations; for example in the case of an earthquake or other destructive natural disasters. The RO-900’s portable and miniature size makes it highly functional and extremely easy to operate in almost any situation.

SPECIFICATIONS
- 14 meter detection range
- Central frequency: 900 MHz
- Dimensions: 245x104x78 mm
- Weight: 0.8 kg
- Running time: 4 hours
- Temperature range: -20°C ... +45°C
- Environmental: IP66

GPR RO-400 provides information about the presence of people behind brick, concrete (including thick reinforced concrete) walls. RO-400 can detect objects behind several walls. The equipment can find the objects caches in the soil at depths up to 5 m

RO-400

Wireless video for remote display
Operable at a safe distance from a wall (up to 100 meters within the line-of-sight coverage)
Two operating modes (Moving Object Detection mode and Search GPR mode)

SPECIFICATIONS
- 21 meter detection range
- Central frequency: 400 MHz
- Resolution: 0.15 m
- Dimensions: 396x290x155 mm
- Weight: 4.4 kg
- Running time: 4 hours
- Temperature range: -20°C ... +45°C
- Environmental: IP66

RO-400 (2D)

Screen capture of GPR RO-400 (2D)

- 2D image
- Wireless video for remote display (optional)
- Operable at a safe distance from a wall (up to 100 meters within the line-of-sight coverage)
- Two operating modes (Moving Object Detection mode and Search GPR mode)

SPECIFICATIONS
- Resolution: 0.15 m
- 21 meter detection range
- Central frequency: 400 MHz
- Dimensions: 396x290x155 mm
- Weight: 5.8 kg
- Running time: 4 hours
- Temperature range: -20°C ... +45°C
- Environmental: IP66