

Range-R Link

Handheld, Portable, Through-Wall Radar



Security & Detection Systems

A lightweight handheld radar system designed to detect people through walls and structural barriers made from common building materials

Within seconds Range-R Link, a new version of the Range-R, improves officer safety even further. With an embedded wireless capability, Range-R Link allows your team to virtually eliminate their exposure to the danger zone surrounding a building, while retaining the handheld capability of Range-R when up close operations are required.

Range-R Link technology enables remote operational and monitoring of the Range-R sensor via secure WiFi. This enables a Range-R Link, mounted on the Range-R Link monopod, to be strategically positioned against a wall and operated/monitored remotely from a safe location at least 100 meters away. When the Range-R Link app is activated, scans are controlled remotely so the unit can be left for an extended period with occasional scanning of the building interior. A dedicated MP3 device* provides this capability in a pocket-sized display. This "Virtual Sentry" capability minimizes your time in the fatal tunnel.

The unit also speeds team communication of the situation at hand by permitting remote viewing of the target information. A dedicated WiFi network permits another team member to simultaneously see the same information as the operator. Up to four Range-R Link displays can be viewed from the same remote display.

The Range-R Link is essentially a Range-R with an embedded WiFi functionality. It is available for new purchases or your existing Range-R units can be easily upgraded. The system includes the Range-R Link sensor, monopod and pocket-sized remote display*.

*Specially programmed Apple iPod Touch or similar MP3 player – other options available



APPLICATIONS

- Hostage recovery
- Tactical entry
- Search & rescue
- Breaching operations
- Stowaway detection

SPECIFICATIONS:

UNIQUE FEATURES

Dimensions: 8.9" x 4.0" x 3.8"
(22.6 cm x 10.2 cm x 9.4 cm)

Weight: 1.5 lbs
1.46 kg

Detection range: 50+ feet
15+ meters

Field of view: 180 degrees azimuth and elevation

Resolution: 15.75"
40 cm

Wavvform type: Stepped-frequency continuous wave (SFCW)

Bandwidth (BW): 120 discrete 2 MHz steps

Frequency: 3.1-3.34 GHz

Output power: 32 mW (+15 dBm)

Power Requirements: 4 standard AA batteries
Primary or recharging

ENVIRONMENTAL

Operating Temperature: -4°F to 122°F
-20°C to 50°C

Operating Time: > 400 scans; lithium L91
> 200 scans; alkaline

OPTIONAL

- Range-R Link

OPERATIONAL STANDARDS

This device has received certification under the authority of the Federal Communications Commission (FCC Identifier: YKD-25TWD3000-029; Equipment Class: Licensed non-broadcast station transmitter).

DESIGN POLICY

L3 Security & Detection Systems reserves the right to change specifications in the course of continuous improvement. Specifications are provided for reference only and actual equipment may differ slightly from the description given.



System-Front Profile



System Exit View



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