OPTEX
Sensing Innovation

EVOLUTIONAL UPDATE

Enhanced REDSCAN RLS-3060SH

With the combination of new product firmware and a new version of the software, the REDSCAN RLS-3060 series is evolving and bringing more value to users.

The RLS-3060 firmware ver. 8 and REDSCAN Manager ver. 8.0 together extend detection range to 50m and add some new setting options for the RLS-3060SH model.
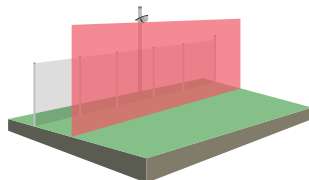
Newly added features

Detection range expansion mode

The Detection Range Expansion function means the maximum detection range can be set to 50m (165ft.) radius. The expanded area, located between 30 to 50m, can be used to detect bigger targets than originally specified for the 30m radius range.
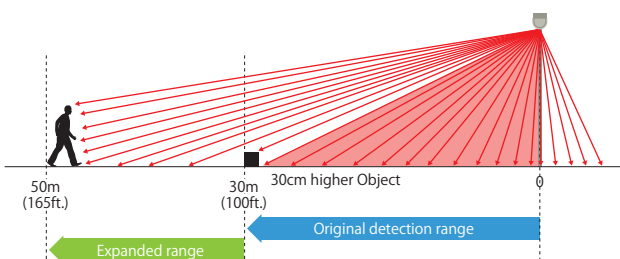
Detection performance

Vertical mode

Within 30m (100 ft.) range, the unit can detect 30cm (1ft.) high objects. Within the 30m (100 ft.) to 50m (165 ft.) range, the RLS-3060SH, when mounted at the 3.6m (12 ft.) height, can detect 60cm (2 ft.) high objects, e.g. a person squatting or walking.
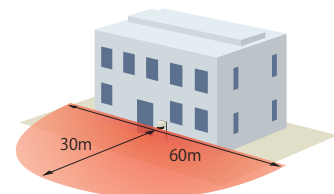
In order to detect 30cm (1 ft.) high objects, this sensor should be used within 30m (100 ft.) range.

50m (165ft.)　30m (100ft.)　30cm higher Object　0

Original detection range

Expanded range

Changeable Dry-contact Alarm Output type, N.O. to N.C.

Relay alarm outputs (B2, B1, A1 and A2) can be switched from N.O. type to N.C. type type which better suits a number of security applications.

Horizontal mode

30m　60m

Within 30m radius (100 ft.) range, the unit can detect a moving target with a minimum width of a 30cm (1ft.). Within the extended detection range between 30m and 50m range (100 ft. to 165ft), the RLS-3060Sh can detect objects which are at least 60cm (2ft) wide with 10% reflectivity. The extended detection area can be used to detect larger objects such as vehicles and forklifts but not people.

30m (100ft.)　50m (165ft.)

Original detection range

Expanded range