

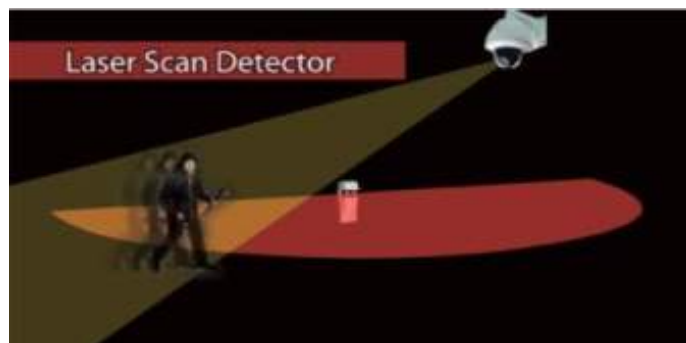


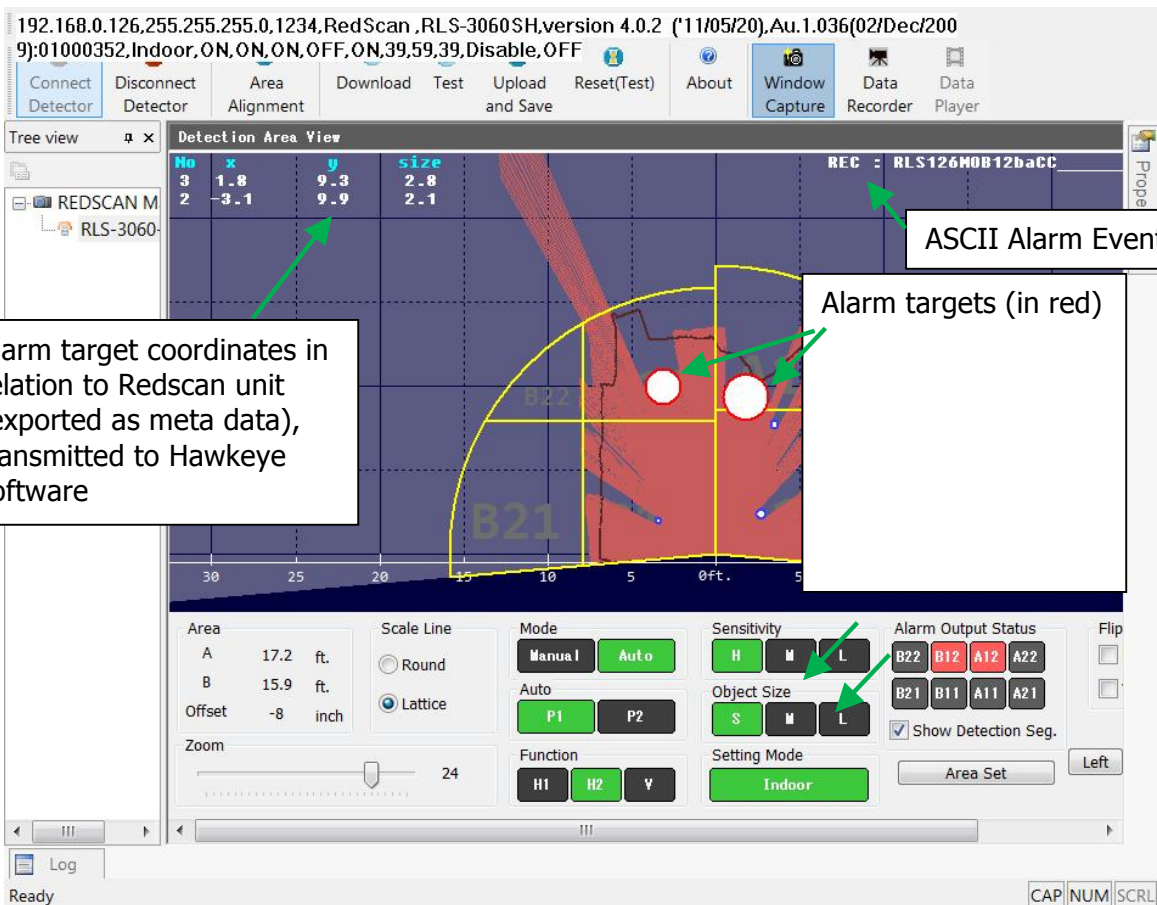
NEW!

Optex and Pelican Technologies Partner to Create Industry's First Short-Range Ground-based RADAR (SRGR) System

Two remarkable technologies have been integrated together to provide the world's first geo-location system that can provide logical intelligence to any intrusion that occurs in a customer defined region. Introducing the SRGR system from Optex and Pelican Technologies, where the Optex Redscan laser detection system is joined with Pelican Technology's Hawkeye geo-location event management software. The resulting effect is pinpoint accuracy of an intrusion which gets a GPS address. The intruder is detected by the Optex Redscan laser detector and transmits location co-ordinates to the Hawkeye system. A CCTV PTZ camera can immediately track to that position and zoom-in to start recording detailed visual information of the intruder. Immediately a map or plot plan can be displayed, pinpointing the exact location of the intruder. If the intruder is located in a specific area defined as highly secure, the system will trigger other logical alarms for additional security measures (i.e., locking doors, disabling access control, shutting down machinery, etc.)

The Optex Redscan laser detector has a horizontal field of 100 feet (30m) in a 190° arc. Rotating at 20x/second, it has a customizable laser field of over 14,000 laser beams that can be "taught" what to protect within this area. It is stationary to a protected region and thus has a geo-location address itself. Any targeted object that breaches the field is detected and alarmed (IP or dry-contact analog). The alarmed target is then identified with an "x" and "y" co-ordinate, which is communicated to the Hawkeye software. It in turn quickly determines the intruders GPS position based on the Redscan's GPS position and the intruder's location in the sensor field. This allows PTZ cameras to zoom in at much greater detail – and continually be position-adjusted if the intruder moves - while allowing other logical events to happen simultaneously based on the intruder's geo-location in the field.





192.168.0.126,255.255.255.0,1234,RedScan,RLS-3060SH,version 4.0.2 ('11/05/20),Au.1.036(02/Dec/2009):01000352,Indoor,ON,ON,ON,OFF,ON,39,59,39,Disable,OFF

Connect Detector Disconnect Detector Area Alignment Download Test Upload and Save Reset(Test) About Window Capture Data Recorder Data Player

Tree view REDSCAN M RLS-3060

No	x	y	size
3	1.8	9.3	2.8
2	-3.1	9.9	2.1

REC : RLS126M0B12baCC

Alarm target coordinates in relation to Redscan unit (exported as meta data), transmitted to Hawkeye software

ASCII Alarm Event Code

Alarm targets (in red)

Area: A 17.2 ft., B 15.9 ft., Offset -8 inch

Scale Line: Round, Lattice

Mode: Manual, Auto

Auto: P1, P2

Function: H1, H2, Y

Sensitivity: H, M, L

Object Size: S, M, L

Setting Mode: Indoor

Alarm Output Status: B22, B12, A12, A22, B21, B11, A11, A21

Show Detection Seg.

Area Set

Log

Ready

CAP NUM SCRL

See the screen-shot example above of the Optex Redscan as it detects and locates the source of intrusion. The sensor communicates the "x" and "y" coordinates of the targets to the Hawkeye software, which then creates a logical stream in response to the physical location of the intruder at the site. If these two objects were at a precise location (i.e., near an outdoor pump to a hazardous chemical tank), a response to alarm, video record and disable the pump could be transmitted throughout the network. Also note that a separate generic event cold alarm in ASCII format is being distributed by the Redscan sensor, as well.

The SRGR system is ideally suited for many vertical market applications, such as:

- Military
- Law Enforcement
- Correctional Facilities
- Transportation
- Critical Infrastructure
- Industrial Fields
- Chemical Plants
- Energy