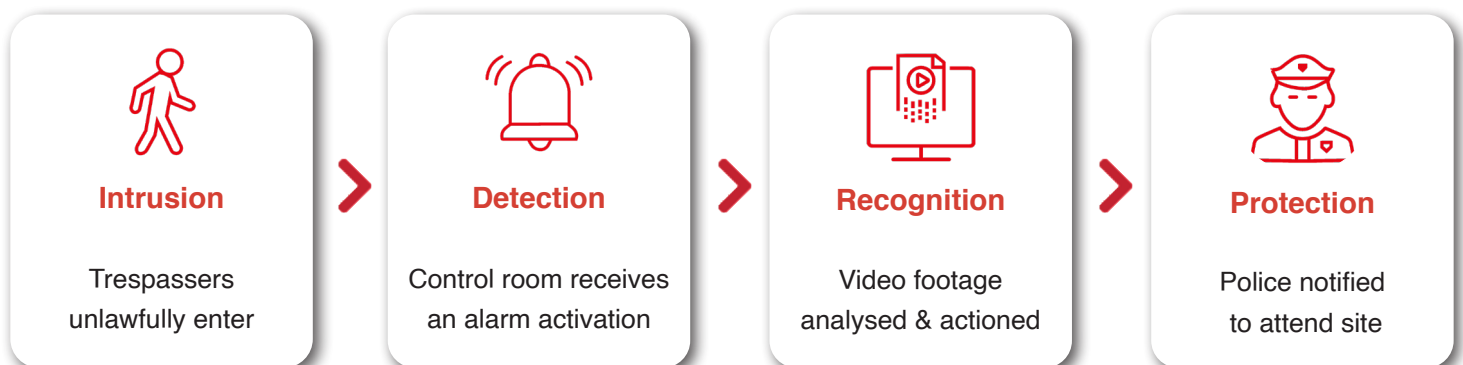# CRANE CLIMBER DETECTION

The Crane Climber Detection is the market-leading solution for Construction and Infrastructure projects and Tower Crane protection. The technology has the ability to detect unauthorised individuals attempting to climb the crane or accessing the site. Once a breach is identified, key holders and the police are promptly notified, and a security guard will attend the site for immediate investigation.

*Full site security is also available on request.

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Features	Benefits
Analytic detection	Reducing false alarms
400 days battery life	Less maintenance required
Day/night vision	HD quality resolution
Wireless connectivity	No cabling required
Versatile mounting options	Suitable on a wide choice of external applications
Sirens on alarm activation	To deter intruders
Intelligent control centre	Footage sent to response teams
User-friendly portal	Unlimited users
Monthly device reports	To monitor device health and charge levels
SIA guard response	Unlimited calls on intruder activation
NSI gold monitoring	Highest industry level of monitoring services

How the system works:

Intrusion

Trespassers unlawfully enter

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Detection

Control room receives an alarm activation

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Recognition

Video footage analysed & actioned

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Protection

Police notified to attend site

CRANE CLIMBER DETECTION

Specification:

2x Detector:	
Detection	35 m
Picture	Full HD Day 2048x1536 Night 1280x960 HDR capability IR Flash (940nm) Capture 500ms Internal memory 2000 images
Battery	Up to 400 days battery life rechargeable Li-on
Radio	500 m line of sight 2.4Ghz, bandwidth 250 kbps re-transmission up to 8 hops
Security	Elliptic curve cryptography (secp160r1) AES 128(=RSA 1024 BIT KEYS)
Size	8.5 x 12 x 10 cm
Temperature	-45°C to +60°C

1x Siren:	
Indication Device	Max 102 dBA (measured distance of 1 metre axid) Siren tone: sweep or steady Tone frequency: 2400-2800Hz Siren control logic: intermittent (1s on, 1s off)
Beacon	Beacon lens colour: Amber Beacon control logic: Flashing (1s on, 1s off)
Radio	500 m line of sight 2.4Ghz, bandwidth 115 kbps re-transmission up to 8 hops
Battery	Up to 400 days or 200h of constant alarm (using 1 battery) 10 200 mAh x 4 rechargeable Li-on
Security	Elliptic curve cryptography (secp160r1) AES 128 (=RSA 1024 BIT KEYS)
Size	9.5 x 7.8 x 29.5 cm.
Temperature	-45°C to +60°C

*Battery life depends on signal strength, image quality, number of events sent. To extend battery life use Batter Pack Extension, Solar Panel or if possible the Mains Power Charger.

Portal Access

The web-based portal keeps an eye on all your sites, with 24/7 visibility on desktop and a smart mobile app. Video management solution (VMS) provides constant health monitoring and routine checks for reporting, and images are stored for up to 12 months.

Full site security also available.