

RDTp

Rapidly Deployable Tower – Perimeter

What is the RDTp?

The Rapidly Deployable Tower – Perimeter (RDTp) is a fully autonomous, rapidly deployable CCTV tower, with advanced thermal detection capabilities, and superior false alarm immunity using classified object detection. The RDTp delivers unmatched flexibility and tailored, customer-focused solutions across the full temporary security spectrum.

RDTp Tower Features & Benefits:



Fully Autonomous

580 Watt solar panels with methanol fuel cell & 100Ah battery. It will self-power via solar generation during summer and be supplemented (geography dependant) via methanol generator during the winter months when solar irradiance is low.



Enhanced Detection Range

150 metre classified thermal recognition/detection of humans and vehicles. Three thermal fusion bi-spectrum CCTV cameras giving enhanced thermal image with supporting 4MP optical overview. Thermal imaging cameras can be used not only for intruders, but also for detecting fires.



24/7 Live Monitoring

The RDTp is monitored by the in-house VPS monitoring centre, the VPS Remote Video Response Centre. This ensures accurate verification and rapid response.



Rapid Installation

Standard delivery vehicles – No trailers or Hiab required, small to medium van deployment achieving compliance and cost savings. This helps reduce carbon footprint as there is no need for large vehicles for delivery.



Power Options



Mains

- | Mains charger: power supply 110 volts to 240 volts



Off Grid Solar/Methanol

- | Inbuilt solar charger as standard
- | 2 x Optional 290 Watt Solar Panels



Backup Battery

- | 400Ah of batteries offering 10 days of battery backup

Specification Sheet

Height

- | 3.6m fully deployed
- | 1.8m x 1.8m footprint with outrigger deployed

Weight

- | 210kg
- | Modular construction with each element no more than 25kg

Cameras

- | 3 or 4 fixed bi-spectrum cameras (optical 4mp and 1mp thermal with 7mm lens)

Night Vision

- | Optical 50m IR at night/active on alarm only
- | 77m thermal cameras

Audio

- | Local visual and audible alerts with twin high output 105db sounders and strobes
- | High quality 100dB live audio challenge

Detection

- | Remotely monitored by VPS – 24/7, 365
- | Ajax 15m 360 degrees
- | Inbuilt creep detection
- | Thermal imaging offering up to 77m forward range
- | BS 8418:2021 compliant

Tamper Protection/Failure Alerts

- | Tilt/impact sensors
- | Anti-jamming & anti-masking
- | 2nd battery back-up
- | GPS positioning
- | EN 50131 grade 2
- | Power failure alert
- | Camera scene & focus change
- | Low battery alarms
- | Media storage failure

Communication

- | 4G/5G – unsteered roaming sims

Recording

- | 512GB SD
- | Ajax activation cloud-based