

T4000



APRINSA



Benefits

- Non emitting
- No body details
- Discreet operation

Indoor screening

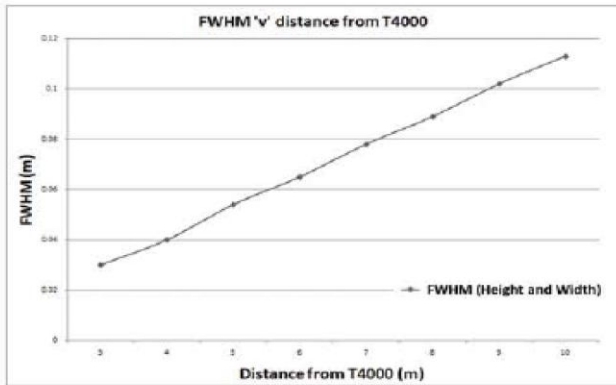
The T4000 is a stand-off people screening system that is used to detect concealed objects located beneath clothing. ThruVision Systems technology operates by collecting energy that is naturally emitted by us all. The T4000 images do not display body details of the person being screened and it is suitable for operation in both discreet and public deployments.

The T4000 addresses a variety of indoor applications including transportation, customs operations, the protection of critical infrastructure and corporate security. Within a permanent installation the system can be either ceiling mounted and may be used with or without a pan/tilt unit. Due to the systems size and weight, the T4000 is highly mobile and can be rapidly tripod mounted for field applications

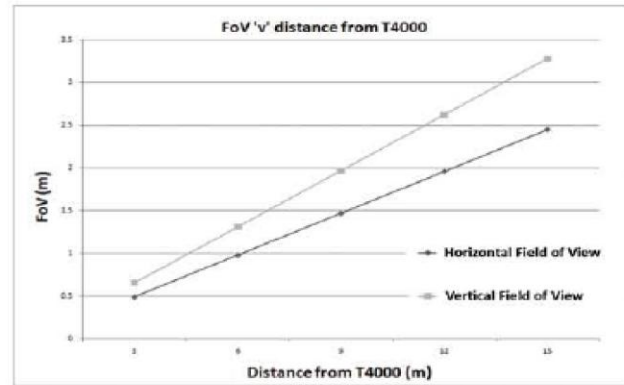
The T4000 consists of a camera unit and a remote PC linked using a standard ethernet cable. It can be easily integrated with existing security infrastructure in order to complement standard security operations.

Specification

Maximum stand-off imaging distance: 15m (~49ft)
 Minimum stand-off imaging distance: 3m (~10ft)
 System operating temperature: 10°C to 25°C (50°F to 77°F)
 Operational environment: Indoor, dry and air conditioned location



This graph presents the variation of Full Width Half Maximum (FWHM) versus range and is intended to give an indication as to the minimum size of object that can be resolved by the T4000. Please note that the ambient terahertz conditions are also influential and may ultimately determine the resolution achieved.



This graph displays the increase in Field of View with distance from the T4000.

General

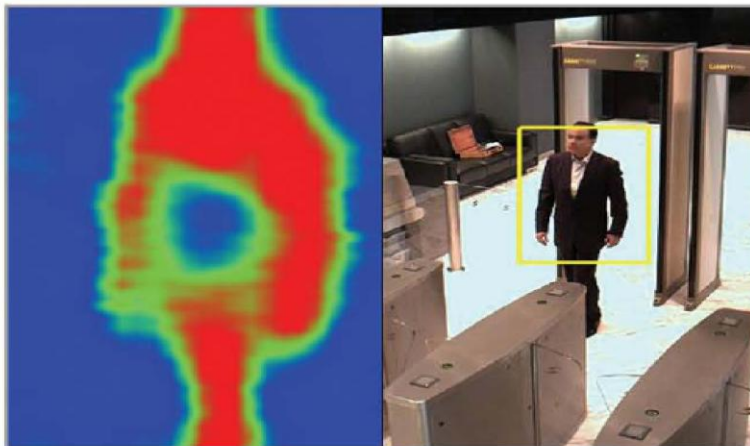
Weight: 32Kg (70lbs)
 Power consumption: 160 W
 Operating voltage: 90 V AC - 264 V AC, 47/63 Hz
 Mounting options: Ceiling, wall and base mounting
 External connections: Mains AC and CAT5e
 Dimensions: 663mm (h) x 235mm (w) x 764mm (d)
 - 26.1" x 9.25" x 30.1"

Certifications



Accessories

Pan/tilt unit
 Mounting brackets
 Laptop



An actual T4000 image from a corporate entrance deployment. The person was 7m from the T4000 when the image was recorded and was concealing a mid sized object across their torso.

The THz image corresponds to the yellow rectangle presented in the standard CCTV image.

This style of deployment enhances the security whilst not increasing the screening time for each individual entering a facility.