

THRUVISION TS4-C



GOVERNMENTAL BUILDINGS



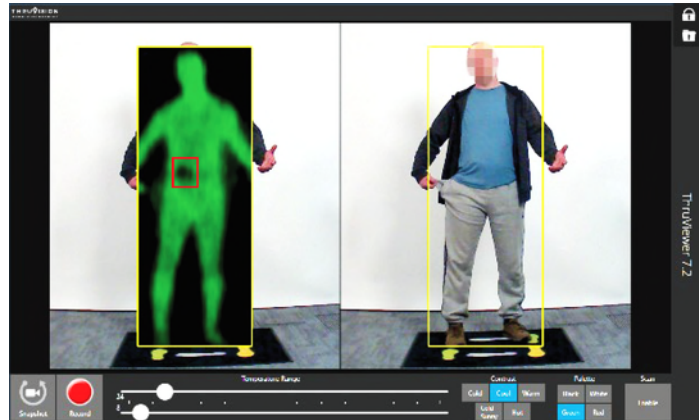
LOSS PREVENTION AT WAREHOUSES & FACTORIES



EMBASSIES & CONSULATES



CRITICAL INFRASTRUCTURE



The Thruvision TS4-C is a proven personal screening camera that detects all types of objects - including metal, plastic, ceramics, gel, liquid, powder and paper - under people's clothing at a distance of 3 to 4 meters. Designed specifically for high-security access control and loss prevention scenarios, the TS4-C is completely safe and discreet as it is based on Thruvision's patented terahertz technology.

FEATURE

BENEFIT

- | | | |
|--|---|---|
| • Operationally proven | → | Low risk investment |
| • Detects all types of materials | → | High seizure rates |
| • Passiv screening technology | → | Safe & respectful |
| • Stand-off operation at 3 to 4 m | → | No physical search needed |
| • Full motion, dual camera video display | → | Easy & efficient to use |
| • Real-time screening | → | Capable of high throughput |
| • Small unit | → | Allows flexible and discreet deployment |
| • Multi-unit configuration | → | Lower staffing costs |



TS4-C mounted on Mobile Operator Station for easy deployment

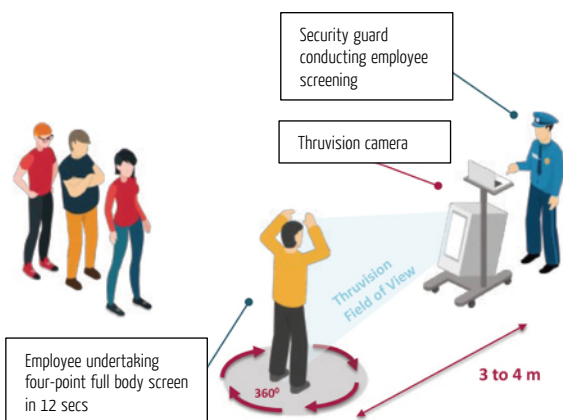
OPERATIONAL CHARACTERISTICS

- Full height view of person being screened at 3,5 m distance
- Indoor, environmentally controlled operation (ambient air temperature no higher than 28 °C)
- Minimum object size on stationary person of 5 cm x 5 cm at 3,5 m
- Screening camera operates at 250 GHz and 4 frames per second for optimal detection on stationary person
- 360° person screening achievable at a rate of one person every 12 seconds
- „Operator Assist“ alarm software to highlight potential hidden items
- Local, configurable recording of screening and CCTV cameras, plus alarms
- Integration with standard Video Management Software and Access Control Systems via software developer's kit (SDK)

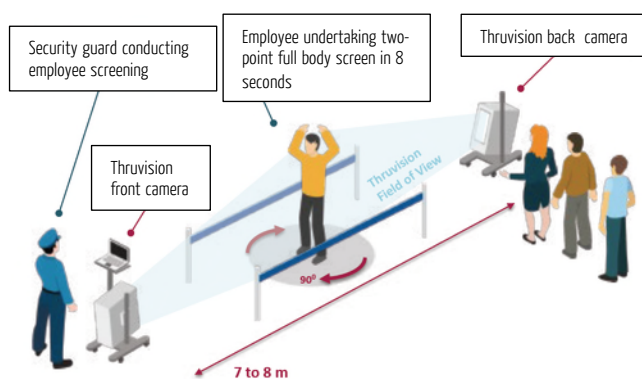


TECHNICAL SPECIFICATIONS

Weight	24 kg (53 lbs)
Power consumption	90 W
Operating voltage	90V AC to 264V AC, 47 to 63Hz
Mounting options	Floor stand, wall or ceiling bracket, Mobile Operator Station
External connections	Mains AC (power), Ethernet (data)
Dimensions (HxLxW)	610x610x254 mm
Ambient air operating temperature	5 °C to 55 °C
Ambient environment	Indoors, dry and preferably air conditioned location
Relative humidity	Max. 95% RH, non-condensing
Storage temperature	0 °C to 55 °C
Environmental rating	IP52 (NEMA Rating von 5, 12 und 12K)
Screening distance	3 to 4 m (10 to 13 ft)
Screening field of view @ 3.5 m (HxW)	1.70 x 0.70 m (67.0 x 27.6 in)
Screening camera	Passiv, operating at 250 GHz frequency (1.2 mm wavelength)
Screening camera frame rate	Fixed 4 frames per second
Optical camera	Colour SD IP video camera
Approvals	CE, EN55022, EN55024, ETSI EN 300 019-2-2
Power on to operational	< 10 min



360° screening in 12 seconds per person to detect objects as small as 5 cm x 5 cm at a distance of 3.5 m.



Dual-camera screening lane allowing operator to see front and back of a person as they walk through one at a time.