

# THRUVISION

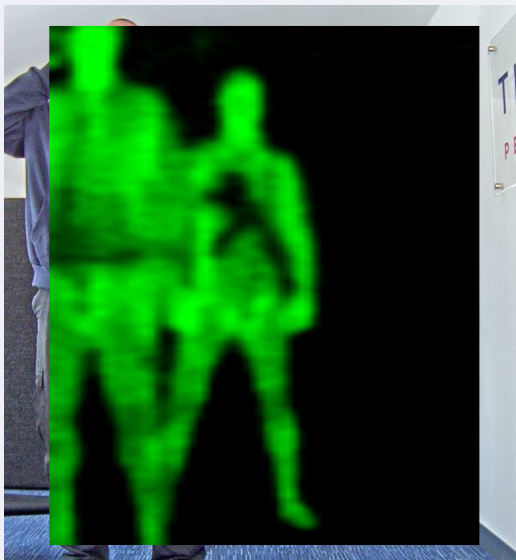
PEOPLE-SCREENING

## TAC8 Tactical Awareness Camera

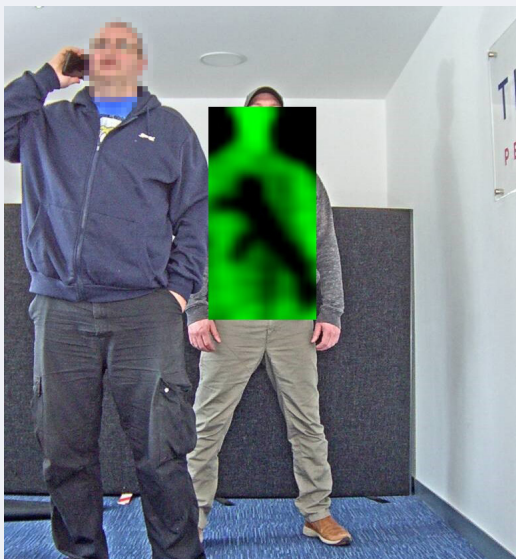


### VariView

Variable, user-selectable field-of-view for increased operational flexibility and detection performance



Use large field-of-view for situational awareness



Zoom in to get higher frame-rate and clearer detection of suspicious looking concealed items

High-performance people-screening camera to detect items on semi-stationary people



TAC8 on Fixed Stand

Safely detect large weapons on semi-stationary people at up to 6 metres

## Technical Specification

| Cameras  |   |
|--|---|
| TAC8 THz camera:   | Passive, high performance 8-channel sensor operating at 250 GHz frequency (1.2 mm wavelength)   |
| Screening field of view (h x w) at 4.0 m (13.2 ft) screening distance: | Variable from:<br>1.0 x 0.5 m (39.4 x 19.7 in), to<br>2.4 x 2.1 m (94.5 x 82.7 in)  |
| THz image refresh rate:  | 8 to 28 lines/second depending on field of view   |
| Video camera:  | Colour HD IP camera   |
| Screening distance:  | 3 to 6 m (10 to 20 ft)  |
| Detection performance:   | Objects no smaller than:<br>5 x 5 cm (2.0 x 2.0 in) at 4 m (13 ft)<br>25 x 20 cm (9.8 x 7.9 in) at 6 m (20 ft)  |
| Electrical   |   |
| Operating voltage:   | Rated range 100 to 240 V a.c., 50 to 60 Hz  |
| Power consumption:   | 130 W   |
| External connections:  | Mains a.c. (power), Ethernet (data)   |
| Physical   |   |
| Dimensions (h x l x w):  | 620 x 620 x 253 mm (24.4 x 24.4 x 9.9 in)   |
| Weight:  | 26 kg (57 lb)   |
| Colour:  | Black   |
| Environmentals   |   |
| Ambient air operating temperature:                                     | 5 to 28 °C (41 to 82°F)   |
| Optimal ambient air operating temperature:                             | 18 to 22 °C (64 to 72°F)  |
| Ambient environment:   | Indoors, dry and preferably air-conditioned location  |
| Relative humidity:   | Max 95% RH, non-condensing  |
| Storage temperature:   | 0 to 55°C (32 to 131°F)   |
| Approvals and Patents  |   |
| Approvals:   | CE, UKCA, 47 CFR Part 15B (FCC), EN 55032 (EMC emissions), EN 55035 (EMC immunity), EN 62368-1:2014 (safety), UL/CSA 62368-1:2019, ETSI EN 300-019-2-2 (T2.2 vibration) when transported in original Thruvision packaging |
| Patents:   | See <a href="https://www.thruvision.com/patents">https://www.thruvision.com/patents</a>   |



## Thruvision benefits

### ▼ Visualize the threat

Allows operator to see large guns and other threat items at a distance of up to 6 metres on semi-stationary people

### ▼ Safe for everyone

Passive screening technology, safe for everyone including pregnant women and those with medical implants

### ▼ Respectful of privacy

Cannot distinguish age, ethnicity or gender, and complies with GDPR

### ▼ Comprehensive security

Detects all types of metallic and non-metallic material

## Recommended accessories

### Fixed Stand

TV-MNT-FIX  
(see picture on front page)

### Mobile Operator Station

TV-MNT-MOS-XXC-PCS

### Tactical Deployment System

TV-MNT-TDS-XXC



TAC8 in Tactical Deployment System (TDS)

PART NUMBER: TV-TAC8



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