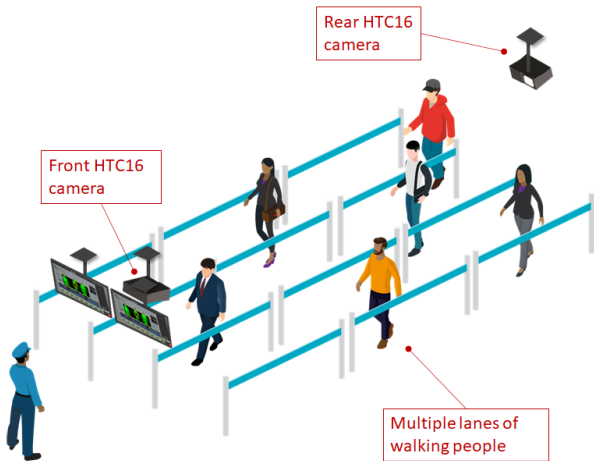


HTC16 High Throughput Camera



Very high performance camera to provide safe distance, walk-through entrance security screening for multiple lanes of visitors



Detects mass casualty threats, such as bomb vests and automatic weapons on multiple people

MultiLane

▼ User selectable field-of-view for screening up to four lanes simultaneously



Detect large threat items on up to four lanes of walking visitors at 6 m

Safely detect large mass casualty threat items on up to four lanes of walking visitors at up to 6 metres distance

Technical Specification



Cameras	
HTC16 THz camera:	Passive, very high performance 16-channel sensor operating at 250 GHz frequency (1.2 mm wavelength)
Maximum screening field of view (h x w):	0.9 x 2.7 m (35.4 x 106.3 in) at 4 m (13 ft) distance 1.4 x 4.0 m (55.1 x 157.5 in) at 6 m (20 ft) distance
THz image refresh rate:	42 lines per second
Video camera:	Colour HD IP camera
Screening distance:	4 to 6 m (13.1 to 19.7 ft)
Detection performance:	Objects no smaller than 25 x 20 cm (9.8 x 7.9 in) at 6 m (20 ft) distance
Electrical	
Operating voltage:	Rated range 100 to 240 V a.c., 50 to 60 Hz
Power consumption:	140 W
External connections:	Mains a.c. (power), Ethernet (data)
Physical	
Dimensions (h x l x w):	253 x 620 x 620 mm (9.9 x 24.4 x 24.4 in)
Weight:	26 kg (57 lb)
Mounting options:	Ceiling or lightweight gantry mount recommended Floor mounting using tripod is also possible
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) EMC emissions: EN 55032:2015 + A11:2020 EMC immunity: EN 55035:2017 + A11:2020 Safety: EN IEC 62368-1:2020 + A11:2020, IEC 62368-1:2018, UL/CSA 62368-1:2019 Vibration: ETSI EN 300-019-2-2 (T2.2 vibration) when transported in original Thruvision packaging
Patents:	See https://www.thruvision.com/patents

Thruvision benefits

▼ Visualize the threat

Allows operator to see live real-time imaging of concealed mass casualty threats, such as automatic weapons and concealed improvised explosive devices on multiple walking people, at up to 6 m distance

▼ 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



HTC16 on lightweight aluminium gantry

PART NUMBER: TV-HTC16



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