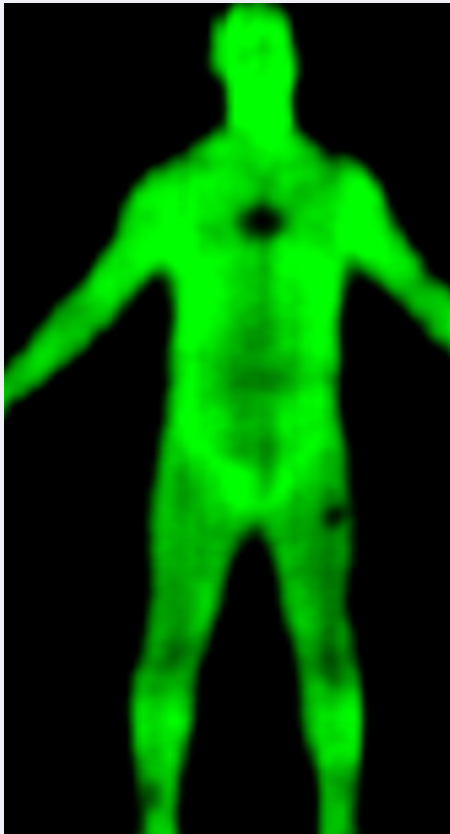


LPC16 Loss Prevention Camera



SloScan

User variable scan speed for enhanced detection performance



Slow scan mode maximises image quality for clear detection of objects as small as 2 cm x 2 cm

Very high performance camera designed to detect different sized items on stationary employees at a safe screening distance of 3 m



LPC16 on Mobile Operator Station



Safely detect metallic and non-metallic items as small as 2 cm x 2 cm

Visualise theft ▼ Protect employees ▼ Change culture

Technical Specification

Cameras	
LPC16 THz camera:	Passive, very high performance 16-channel sensor, operating at 250 GHz frequency (1.2 mm wavelength)
Screening field of view (h x w), at 3 m (9.8 ft):	Fixed 1.8 x 1.1 m (70.9 x 43.3 in)
THz image refresh rate:	Up to 24 lines per second, depending on scan mode
Video camera:	Colour HD IP camera
Optimum screening distance:	3 m (9.8 ft)
Detection performance:	Objects no smaller than 2 x 2 cm (0.8 x 0.8 in) at 3 m (9.8 ft)* * when using SuperSlow scan mode
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):	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)
Optimum 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

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E&OE. Specifications subject to change without notice.



Thruvision benefits

- ▼ **Treat staff with respect**
No physical search needed
- ▼ **High throughput**
Fast shift exits
- ▼ **Visualize the threat**
Shows concealment size, shape and location to allow rapid decision making without the need for pat-down
- ▼ **Safe for everyone**
Passive screening technology, safe for everyone including pregnant women and those with medical implants
Detection-at-Range enables safe distance screening, with no risk of transmission of COVID-19
- ▼ **Respectful of privacy**
Cannot distinguish age, ethnicity or gender, and complies with GDPR
- ▼ **Comprehensive security**
Detects all types of metallic and non-metallic material, including clothing, liquids, electronics, tobacco, foodstuffs and paper



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