

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)
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), EN55032 (EMC emissions), EN55035 (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

- ▼ **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



PART NUMBER: TV-LPC16



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