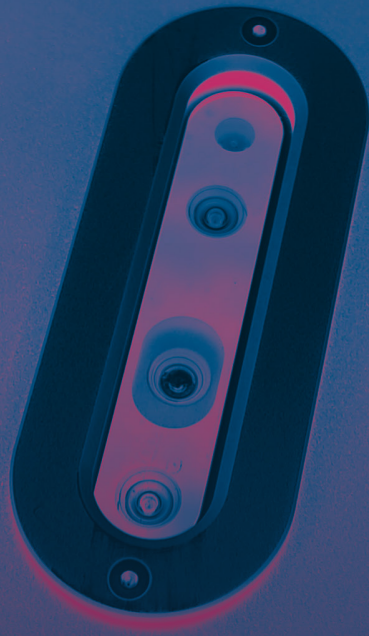


THRUVISION

LPC7116



THRUVISION



LPC 71

SERIES

We are proud to introduce the LPC71 Series. This is the latest generation of our industry disruptive people security screening technology.

LPC71 Series comes in four models and its passive Terahertz camera technology is at the forefront of innovation.

BENEFITS

-  **TREAT EMPLOYEES WITH RESPECT** No physical pat-down of employees is 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.
-  **RESPECTFUL OF PRIVACY** Cannot distinguish age, ethnicity or gender, and complies with GDPR.
-  **MULTIPLE MATERIALS** Detects all types of metallic and non-metallic material, including clothing, liquids, electronics, tobacco, foodstuffs and paper.
-  **RANGE OF ACCESSORIES** Choose from a comprehensive range of mountings and accessories to complete your solution.
-  **RELIABLE** Built in redundancy and resilience supports mission critical operations.



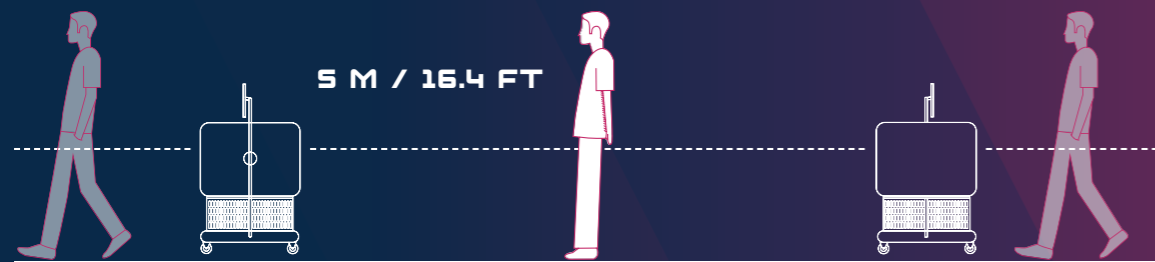
SpotCHECK

Prioritise detection performance to screen for the smallest items.

Subject makes four 90° turns to screen full body, pausing for 2-3 seconds at each point.

1 CAMERA

UP TO
300 PEOPLE/HR



WalkTHRU

Balance throughput and detection performance when screening for a range of item sizes.

Subject walks along centreline of lane, and pauses for 2-3 sec in middle of lane.

Resolve detections in lane, or send subject to secondary screening area.

2 CAMERAS

UP TO
600 PEOPLE/HR

WalkTHRU Plus

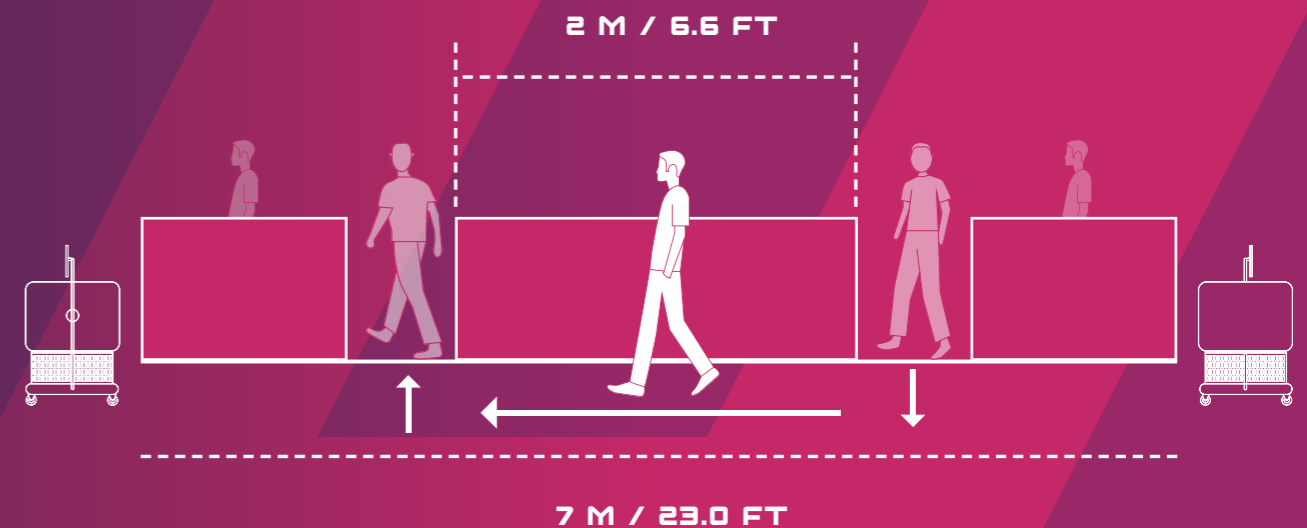
Prioritise absolute throughput when screening for larger items.

Subject follows optimised path through lane without pausing, designed to maximise system performance at very high flow rates.

Resolve detections in lane, or send subject to secondary screening area.

2 CAMERAS

UP TO
1,800 PEOPLE/HR



NEXT GENERATION SOFTWARE

SmartSCREEN

Available exclusively for the LPC71 Series. **SmartSCREEN** is a powerful new package of smart software enhancements to expand functionality and enhance detection performance.

DynamicDETECT

Available exclusively for the LPC71 Series, **DynamicDETECT** is an innovative AI-based automatic concealed item detection algorithm.

Smart SCREEN

Powerful software features in one simple package, to expand functionality and optimise detection capability in a range of screening environments.

SmartFocus

Optimises contrast for the best possible image quality on the person being screened, in all screening environments.

Automatically focuses attention on the person being screened by removing the background from the Terahertz image.

Removes guard distractions from the Terahertz image.

SmartPrivacy

Obscures the identity of people and things in the background of the CCTV image to further enhance focus on the person being screened.

Optionally obscures the face of the person being screened to respect their privacy.

SmartRecord

Detects when a person enters the screening area to automatically start recording.

Automatically stops recording when screening area is quiet.

Maximises system recording capacity.

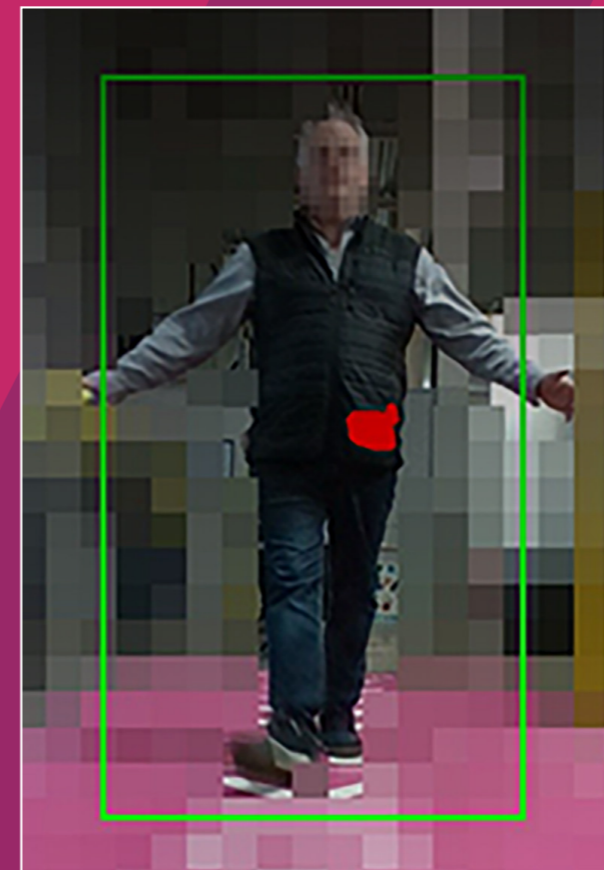
Removes the need to search through hours of empty footage to find what you are looking for.

SmartCount

Counts the number of people passing through your screening area.

Logs statistics to a simple text file for easy importation into spreadsheets and reports.

SmartFocus



SmartPrivacy

Dynamic DETECT

ADVANCED AI TECHNOLOGY

Advanced, AI-based concealed item detection designed to quickly and effectively identify the shape, size and location of concealed items on walking or stationary people.

DETECT CONCEALED ITEMS

Easy to understand red overlays show the shape, size and location of concealed items.

SUPPORTS RAPID DECISION MAKING

Quickly alerts operators to potential concealments.

DETECTION PERFORMANCE

Highly effective detection performance with no need for physical 'pat-downs'.



CAPABILITY & PERFORMANCE

The LPC71 Series comprises four versatile models to suit a range of operational and performance requirements. The LPC71 Series is capable of detecting all types of non-metallic and metallic items, including clothing, liquids, electronics, tobacco, foodstuffs and paper.

LPC7104

Cost-effective sensor for detecting large objects on stationary people

LPC7108

High-performance sensor for detecting a range of objects on stationary people.



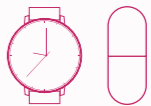
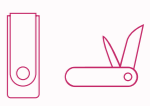
LPC7112

High-performance sensor, optimised for detection of large items on moving people.

LPC7116

Very high-performance sensor for detecting small items on both stationary and moving people.

SOLUTION SELECTOR

CONCEPT OF OPERATIONS	PEAK FLOW RATE (PEOPLE/HR)	35CL SPIRITS	PACKET CIGARETTES	METAL WATCH	USB PENDRIVE
		9MM HANDGUN	KITCHEN KNIFE	50x50 MM DRUGS	SMALL PENKNIFE
REPRESENTATIVE MINIMUM CONCEALED ITEM SIZE					
SpotCHECK	UP TO 300	LPC7104	LPC7104	LPC7108	LPC7116
WalkTHRU	UP TO 600 (WITH PAUSE)	LPC7104	LPC7108	LPC7116	
WalkTHRU PLUS	600 - 1,200 (NO PAUSE)	LPC7112	LPC7116		
	1,200 - 1,800 (NO PAUSE)	LPC7116			

■ Compatible with DynamicDETECT □ Compatible with SmartSCREEN

 LPC7116

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