

Flatscan SW



The easy to install Flatscan SW uses time-of-flight laser technology for swing door to generate 170 measurement points that provide a complete protection for swing doors and their users.

A single Flatscan SW covers the entire door swing including the hinge area. The unit is Fast and Intuitive to install.

Features & Benefits

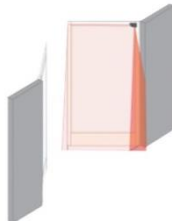
- Compact Size 8.5cm x 14.2cm
- Independent of flooring and surrounding
- Pinch zone safety – The unit covers the hinge area of a door to protect hands and fingers during the closing cycle main closing edge safety. To comply with EN 16005 a risk assessment must be completed to ensure a physical finger guard is not also required
- Uncovered zone – This can be reduced to 10 cm
- Specific adjustable setting thanks to 4 Dip switches
- Easy to set up
- Direct surroundings of the door and floor type
- One module on each side is sufficient to cover the whole door, regardless of its size
- Available in black (aluminium & white are also available)

Applications

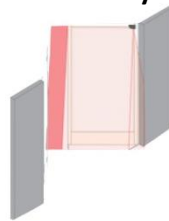
Independent of Flooring & Surroundings



Pinch Zone Safety



Main Closing Edge Safety



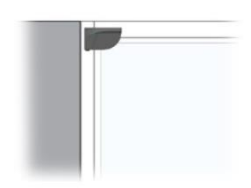
Fast, Intuitive Installation



Uncovered Zone



Compact in Size



Flatscan SW

Technical Data	
Technology	LASER scanner, time of flight measurement
Detection mode	Presence
Max – detection range	4 m (diagonal) with reflectivity of 2% (i.e. : at W=1.5->max H=3.7m)
Opening angle	Door leaf swing: 90 degrees/ Pinch zone safety: 16 degrees
Angular resolution	Door swing safety:1.3 degrees/ Pinch zone safety: 0.2 degrees
Function display	One bi-coloured LED; Detection/output status
IP rating	IP54
Operating voltage	12-24V dc +/- 15%
Power consumption	2W
Response time	Door leaf safety: max 50s/ Pinch zone safety: max 90ms
Switching type	Relay de-energized at object inside the scanning range form c relay
Response Time	≤ 64ms Typical
Dimensions	142mm (L) x 85mm (H) x 23mm (D) Mounting bracket + 7mm
Material/Housing	PC/ASA Black/Aluminium/White

Approvals and certificates	
CE conformity	2006/95/EC: LVD; 2011/65/EU: RoHS 2; 2004/108/EC: EMC 2006/42/EC: MD EN 61000-6-2: 2005; EN 61000-6-3: 2011 EN 16005: 2012 Chapter 4.6.8 (Test body A)
CCC approval	Products with a maximum operating voltage of ≤36 V do not bear a CCC marking because they do not require approval.

Product Code
T166737

For further Information contact:

Tate Solutions
 c/o Securefast plc.
 Unit 6 & 7
 The Cedars Business Centre
 Avon Road, Cannock
 Staffordshire
 WS11 1QJ

Call> +44 (0) 1543 501600

Email > sales@tatesolutions.co.uk

Visit > www.tatesolutions.co.uk