

SMACS Flex Mat

SMACS Flex Mat is a highly flexible anti-tailgating security solution in a multi-door environment, enabling the secure movement of materials plus users. SMACS Flex Mat is suited to a wide range of applications and can be seamlessly integrated into your infrastructure.

SMACS Flex Mat is the reliable solution for automatic, highly secure and flexible anti-tailgating in a multi door environment combined with secure material transit.

Using multi-sensor detection the SMACS range provides the missing link in anti-tailgating prevention where other more traditional forms are not suitable. SMACS is a highly effective anti-tailgating system for applications where organisations do not wish to impose physical barriers or must not impact on the buildings physical features, i.e. listed buildings. With it's discrete installation no change to your buildings infrastructure means SMACS can be installed or retrofitted with minimal disruption.

Typical applications include securing the access to data centres, production, R&D facilities, control rooms, libraries, office entrances and lone working situations.

MAIN FEATURES

- Fully automatic high security in front of a single door
- Allows the transit of 5 people per minute
- Flexible company specific applications
- Secure management of hand-luggage
- Seamless integration in to building architecture
- Easy to install and retrofit
- Wheelchair access
- Low lifetime cost of ownership
- Power saving mode
- Audio guidance
- Traffic light

TECHNICAL DETAILS

PROCESSING UNIT DIMENSIONS

300 x 200 x 70 mm

CABINET DIMENSION (OPTIONAL)

600 x 600 x 210 mm

CONNECTIVITY

Network, Standalone

HARDWARE INTERFACE

Digital I/O, dry contacts, TCP/IP

SENSOR COMPATIBILITY

Analog, Network, TOF, Thermal, Laser, IR

GUIDANCE (OPTIONAL)

Traffic lights, Audio-Visual

MAXIMUM AIRLOCK SIZE

Unlimited (sufficient cameras required)

MINIMUM AIRLOCK HEIGHT

2.50 m

ACCESS CONTROL INTERFACE

Wiegand, TPC/IP, RS 232/485

ALARM INTERFACE

Digital I/O, dry contacts, TCP/IP

POWER SUPPLY

110-230Vac 150-500W

SIZE OF SINGULARISATION ZONE

Minimum 1.5 m x 1.5 m

OPTIONAL FEATURES

- Visual guidance
- Secure management of hand luggage
- Live status monitoring
- Thermal imaging camera
- Additional internal cameras
- Customisable mode – one way or bi-directional control/ timed modes
- Lone working protection

OPERATION

Working as an airlock solution SMACS Flex Mat will only grant access to a single user with the correct access rights. Once a user has passed through the system for the first time and where biometrics are not employed, SMACS Flex Mat records their body features to identify the user accurately the next time they pass through, reducing the risk that their ID can be used by an unauthorised user.

If two users enter the airlock together the SMACS Flex Mat system will not allow the secure side door to be opened. They are instructed by audio and visual guidance to step out of the airlock to the non-secure side and re-enter one at a time. Access is then granted to the authorised user entering the airlock alone.

In a situation where an authorised user needs to take deliveries through to a secure area, SMACS Flex Mat will scan both the material zone and the person zone and only grant access if the user is authorised to transit with material. Should an unauthorised user attempt to gain access by, for example, impersonating a piece of luggage, SMACS Flex Mat will identify the presence of an unauthorised user and deny access to the secure side.

SMACS PRODUCT COMPARISON

	Mat	Flex	Flex Mat	1 Door-TS	Lift	Multi-Entry	Entry
Security Level	H	H	H	H	M	M	L
Throughput	L	L	L	L	M	M	H
Flexibility	H	H	H	H	M	M	M
More than 2 doors	•	•	•	—	—	—	—
Material Management	H	L	M	L	—	—	—

(H) High (M) Medium (L) Low (•) Available (—) Not Available