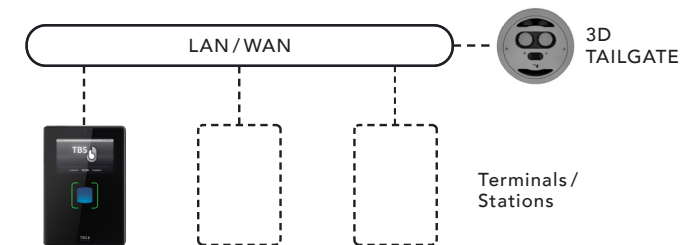




ACCESSORY
PRODUCTS

3D TAILGATE

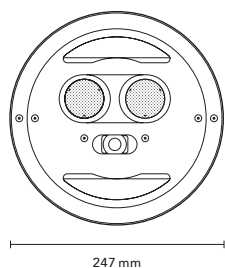
- Tailgate detector – efficient Security Staff Support
- High Accuracy – detects people and objects
- Reliability in changing light conditions
- Embedded software with sensor management tool
- Semi-automatic calibration
- Digital I/O Module
- Audible feedback for confirmation and alerts
- Self-diagnostics
- Data Logging
- Easy installation
- Seamless integration into TBS Ecosystem



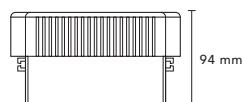
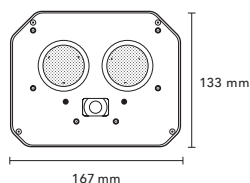


3D TAILGATE

Design Housing



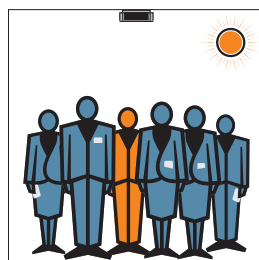
Core Housing



Touchless Biometric Systems AG
Rietbrunnen 2
8808 Pfäffikon SZ
Switzerland
tbs@tbs-biometrics.com
www.tbs-biometrics.com

Mounting height	2.0 to 3 m
Maximum detection area at virtual gate	2.8 m × 1.1 m to 3.8 m × 1.6 m
Maximum detection area in mantrap	3.6 m × 1.9 m to 4.6 m × 2.5 m
Field of view/illumination	90° × 60°
Type of illumination	Modulated near infrared light (NIR)
Weight	1.6 kg (Core housing) + 1.6 kg (Design housing)
Dimensions of the Core Housing	W 167 mm × H 133 mm × D 94 mm
Dimensions of the Design Housing	206 mm (integration cutout diameter), 247 mm (outside rim diameter), 115 mm (height)
Operational temperature range	-20°C to +50°C
Enclosure rating (device with fan)	IP 40
Supply voltage range	24 V DC ± 15%
Power consumption max	2A at 24 V DC
Core housing material	Anodized aluminum

VIRTUAL MANTRAP MODE



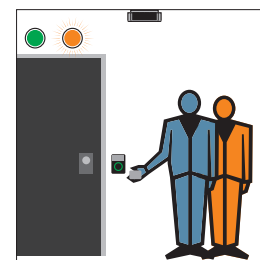
NO
DOOR

ENTRY / EXIT READERS

- Generates an alert if a person without ID transits.

PASSIVE RFID

- Counts the number of people in the detection area.
- Generates an alert if a person without ID enters the detection area.
- No credit allocation.



ONE
DOOR

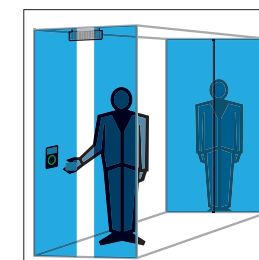
HIGH SECURITY STRATEGY

- One person at a time.
- The door is locked if more than one person is detected in the field of view.

HIGH THROUGHPUT

- Generates an alert if a person without ID enters or exits.
- Crowding is allowed.

REAL MANTRAP MODE



TWO
DOORS

SINGLE PERSON TRANSFER

- Outputs "empty", "one person" or "suspicious".

MULTIPLE PERSON TRANSFER

- Counts the number of people present in the mantrap. This number is checked by an external logic against the number of credits.