3D FLY

TBS

3D FLY

3D FLY for instant identification and highest throughput. A true on-the-fly experience. Manufactured in Europe.

(1) Touchless hand capture on-the-fly
(2) Scanning four fingerprint samples simultaneously
(3) High-speed: Walk by - fly through
(4) Hygienic for maximum user comfort
(5) Up to 30'000 users
(6) 7-inch color touchscreen

(7) PIN Code, QR Code
(8) Verification using combined ID factors
(9) Designed for integration with speedgates
(10) Easy setup of Time & Attendance buttons
(11) Versatile configuration and customizing (customer workflows, user interface)
(12) Made in Europe

Fingerprint enrollment possibilities of the TBS ecosystem:

(1) on 3D FLY using touchscreen
(2) on 3D FLY using remote control
(3) on 3D ENROLL USB sensor (requires at least 2 fingerprints)

DATASHEET 3D FLY

TECHNICAL SPECIFICATIONS

Category	Feature	Standard	Optional
Biometric Sensor	Touchless multiple finger scan	•	
ID Factors	PIN	•	
	QR Code		•
User Interface	Touchscreen size	7"	
	Touchscreen resolution	1024 × 600	
	Loudspeaker	•	
Biometrics	Identification (1:N) database limit	10'000	30'000
	FRR at FAR 1:100'000	< 0.5%	
Communication	LAN	•	
Interfaces	RS-485 (OSDP) / RS-232	1 / 1	
	Wiegand out	1	
	Relay (NO/NC/COM, max. 60V/30W)	2	
	GPIN / GPOUT	2 / 2	
Installation	Power supply rating	24 VDC	
	Max. power consumption	100 W	
	Operating temperature	0 to 45 ℃	
	Operating humidity	10 to 90%	
	Floor mount	•	
Certifications	CE, FCC/IC, ISO 9001/14001	•	

ACCESSORIES & FEATURES

Hardware Extensions (optional):

- Power Supply, 24 VDC/9.2A Output
- TBS Door Controllers:
  CONTROLLER LITE (2 relays, 2 GPIN/GPOUT, via RS-485)
  CONTROLLER SMART+ (4 relays, 4 GPIN, 4 GPOUT, via RS-485 or LAN)

Software Extensions (licensed):

- QR Code: Power Package «Multi-Factor» required
- Extended Identification (1:N) limit with BIOMANAGER Premium Plan
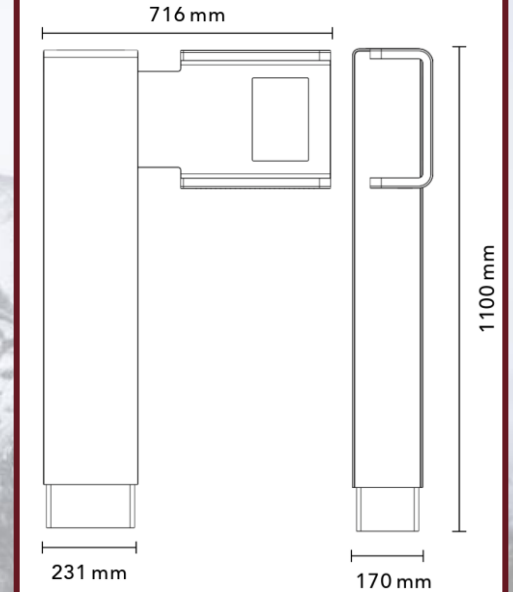
TBS System Security:

- Multi-level data encryption, with option to define a custom Template Encryption Key
- Protected communication channels (SSL) with option to use custom SSL certificates

Seamless Integration:

- Device connects to TBS BIOMANAGER Server hosted On-Premise or in the TBS Cloud
- Flexible and versatile Enrollment Options: On-Device or Web enrollment from TBS BIOMANAGER
- Flexible integration options
  - REST APIs on system and device level available
  - Enrollment integration into 3rd party software supported

DIMENSIONS

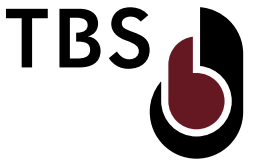Floor mount for indoor installation

716 mm

1100 mm

231 mm

170 mm

CUSTOMIZING

TUESDAY 09:10 MARCH 29
Ready for scanning

MORE THAN JUST A READER

FIVE REASONS FOR YOUR CHOICE

(1) EUROPEAN COMPETENCE YOU CAN TRUST

Swiss perfection, German thoroughness and Czech ingenuity - built on integrity and reliability.

(2) TAILOR-MADE FOR DEMANDING CLIENTS

From the world's top-rated airport to the No.1 Department of Defence, TBS is the undisputed leader in bespoke solutions.

(3) ALL-IN-ONE PLATFORM

We deliver the full spectrum: multiple bio-metric technologies on one powerful platform, integrated with all major security providers.

(4) PARTNERSHIP BEYOND THE PROJECT

For us, winning a project is only the beginning. Long-term service & support is what truly separates the wheat from the chaff.

(5) THE VALUE OF A QUALITY INVESTMENT

More performance & flexibility – less risk

LET'S GET TO WORK

TBS

TBS BIOMETRICS
TRUST
SERVICES COMPETENCE
SPECIALIST FLEXIBILITY QUALITY
TERMINALS TERMINALS
HOSPITALITY TBS BIOMANAGER
TRUST SOFTWARE
TOP-REFERENCES SWISS QUALITY
SWISS INTERGRITY TOUCHLESS
DURABILITY RELIABILITY LONGTERM
TOUCHLESS SERVICES
INTEGRITY SECURITY
MANUFACTURER COMPETENCE

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