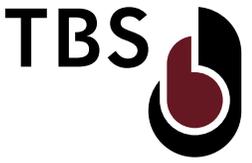


3D FLY



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 °C	
	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:

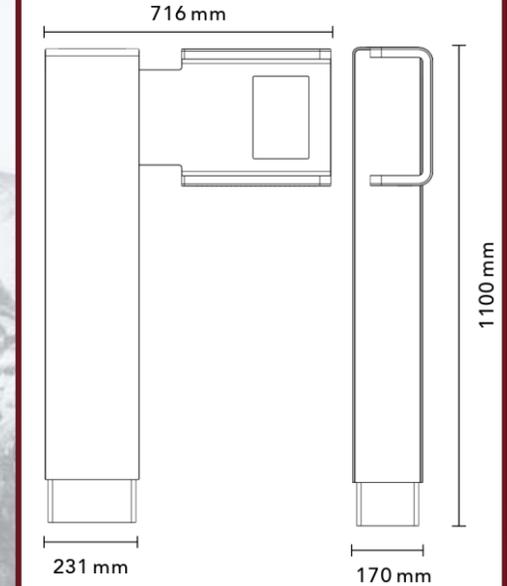
- Multi-level data encryption, with option to define a custom Template Encryption Key
- Protected communication channels (SSL) with option to use custom SSL certificates

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



CUSTOMIZING



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 biometric 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



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

