TBS FLASH MICRO

TBS





Touchless Biometric Systems AG Switzerland

TBS FLASH MICRO

TBS FLASH MICRO is a lean (mullion-size) Indoor Face Reader – Made in Europe for a Price comparable to Card Readers



(1) High speed < 1.5 second
(2) Recognition distance up to 2 m
(3) Minimal mullion form factor
(4) Up to 30’000 users
(5) TBS Anti-spoofing and data security
(6) Magnetic tamper switch
(7) QR Code, TBS Mobile ID
(8) Flexible combination of ID factors
(9) LED status indication (green/orange/red)
(10) Audible result indication (optional)
(11) Web interface for device configuration
(12) Made in Europe

Face enrollment possibilities in TBS ecosystem:

(1) On device via remote control
(2) On tablet with TBS App
(3) On mobile phone with TBS App
(4) On desktop webcam
(5) Picture import from external sources



DATASHEET TBS FLASH MICRO

TECHNICAL SPECIFICATIONS

Category	Feature	Standard	Optional
Biometric Sensor	Face Recognition	0.4 - 2m	
ID Factors	TBS MobileID (Bluetooth)		•
	QR Code		•
User Interface	Result on LED bars (green/orange/red)	•	
	User distance indicator (yellow/blue)	•	
	Door status indicator (green/red)	•	
	Beeper	•	
Biometrics	Identification (1:N) database limit	10'000	30'000
	FRR at FAR 1:100'000	< 2.0%	
Communication	LAN 100 MBit	•	
	Wifi 5 (802.11ac, dual-band 2.4/5 GHz)	•	
	BLE 5	•	
Interfaces	RS-485 (OSDP)	1	
	Wiegand out	1	
	GPIN / GPOUT	1 / 1	
Security	Presentation Attack Detection (PAD)	•	
	Tamper Switch	•	
Installation	Power supply rating	12-24 VDC	
	Max. power consumption Sleep mode (Proximity Sensor)	6 W 3 W	
	Operating temperature	-20 to 45 °C	
	Operating humidity	10 to 90%	
	Wall mount WM-Box (IP30), indoors	•	
Certifications	CE, FCC/IC	•	

ACCESSORIES & FEATURES

Power supply and wall mounting plate included.

Hardware Extensions (required for Door Control):

- TBS CONTROLLER LITE with 2 relays, 2 GPIN/GPOUT, RS-485
- TBS CONTROLLER SMART+ with 4 relays, 4 GPIN, 4 GPOUT, RS-485 or LAN communication

Software Extensions (licensed):

- QR Code & TBS MobileID require the Power Package «Multi-Factor»
- Extended Identification (1:N) limit with BIOMANAGER Premium Plan

TBS System Security:

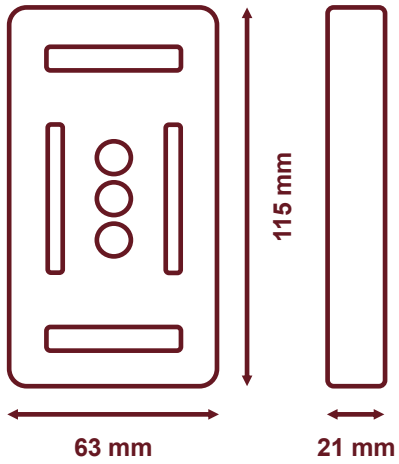
- Multi-level data encryption, with option to define a custom Template Encryption Key
- Protected communication channels (SSL) with option to use custom SSL certificates

Seamless Integration:

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

DIMENSIONS

Wall mount for indoor installation





Touchless Biometric Systems AG
10/2026

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



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