

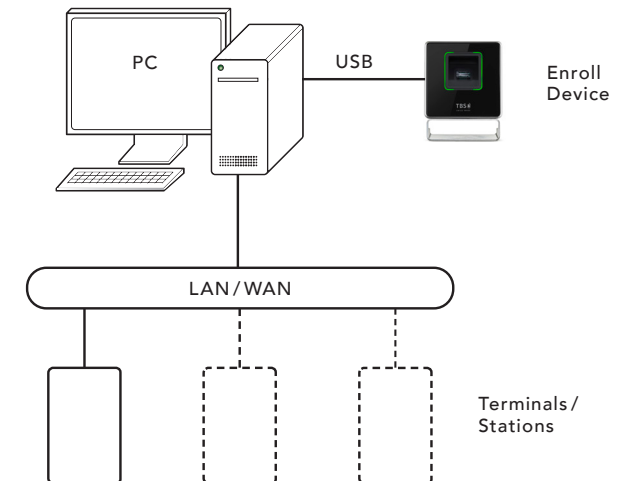


TOUCH
FINGERPRINTING

2D ENROLL

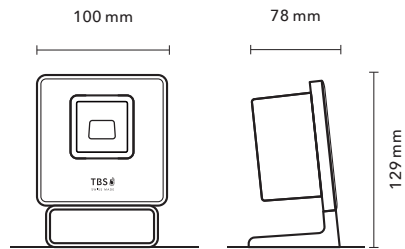
Touch-based biometric sensor for enrollment and generation of templates in connection with a PC.

- Optical touch sensor, FBI certified
- Access Control, T&A, Civil ID
- Excellent identification performance
- Small- and medium-sized user groups
- Quality assessment and duplicate check





2D
ENROLL



- 1 = extendable
- (•)² = outside of device
- 3 = extendable
- (•)⁴ = required if not sheltered
- ⁵ = Requires Bluetooth module and BM Mobile
- (2)⁶ = Requires internal relay board
- (1)⁷ = Relay Type – 'Normally open only'

		3D ENROLL	3D TERMINAL	2D EYE	2D ENROLL	2D+ TERMINAL	2D TERMINAL HEAVY DUTY	2D TERMINAL	2D STATION	2D MINI	2D MINI HOME
Applications	Access Control	•	•	•	•	•	•	•	•	•	•
	Time & Attendance	•	•	•	•	•	•	•	in/out	in/out	
	Civil / Criminal	•			•						
Sensor	Touchless, 3D-Multiview	•	•								
	3D-Camera			•	•						
	Optical Touch, FBI-certified							•	•		
	Capacitive Touch									•	•
User Interface	Multispectral					•	•				
	7.0" Touchscreen										
	5.0" Touchscreen		•	•		•	•				
	3.5" Touchscreen							•			
	RFID		(•)	•		(•)	(•)	(•)	•		
	PIN		•	•		•	•	•			
	Loudspeaker		•	•							
	Beeper							•	•	•	•
Biometrics	Identifications (1:N)		•	•		•	•	•	•	•	•
	Verification (1:1)		•	•		•	•	•	•	•	•
	1:N Database Size Limit		10'000 ¹	10'000		10'000 ¹	10'000 ¹	5'000	5'000	5'000	5'000
	1:1 Database Size Limit		100'000	100'000		100'000	100'000	100'000	100'000	100'000	100'000
	FRR at FAR 1:100'000		<0.5%	<0.5%		<1.0%	<1.0%	<2.0%	<2.0%	<2.0%	<2.0%
	Standalone Capability		•	•		•	•	• ⁵	• ⁵	• ⁵	• ⁵
Communication	LAN		•	•		•	•	•	•	•	•
	WLAN		(•)	(•)		(•)	(•)	(•) ²	(•) ²	(•) ²	(•) ²
Interfaces	RS 232 / RS 485 (OSDP)		•	•		•	•	•	•	•	•
	Wiegand		•	•		•	•	•	•	•	•
	Relay Output		(2) ⁶	1		(2) ⁶	2	(1) ⁷	(1) ⁷	(1) ⁷	(1) ⁷
	I/O		(1/1)	2/-		(1/1)	2/2				
Security	Liveness Detection	(•)	(•)	(•)		(•)	(•)				
	Multi-level Data Encryption		•	•		•	•	•	•	•	•
	Template on Card		(•)	(•)		(•)	(•)	(•)	(•)		
	Anti-tampering / Silent Alarm		(•)	(•)		(•)	(•)	(•)	(•)	(•)	(•)
Conditions	Input Supply Voltage DC	5V	9-30V	12V	USB	9-30V	9-30V	9-30V	9-30V	9-30V	9-30V
	Max. Power Rating	20W	25W	36W		15W	15W	15W	10W	10W	10W
	Operation Temperature in C	0-60	-20-60	0-45	0-60	-20-60	-20-60	-20-60	-20-60	-20-60	-20-60
	Humidity 10-90%	•	•	•	•	•	•	•	•	•	•
Mounting	Wall mount ⁽³⁾		•	•		•	•	•	•		
	Flush mount / Outdoor ⁽³⁾		•			•		•	•	•	•
	Outdoor kit ⁽³⁾		(•) ⁴			•		(•) ⁴	(•) ⁴	(•) ⁴	(•) ⁴
Certifications	CE	•	•	•	•	•	•	•	•	•	•

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