

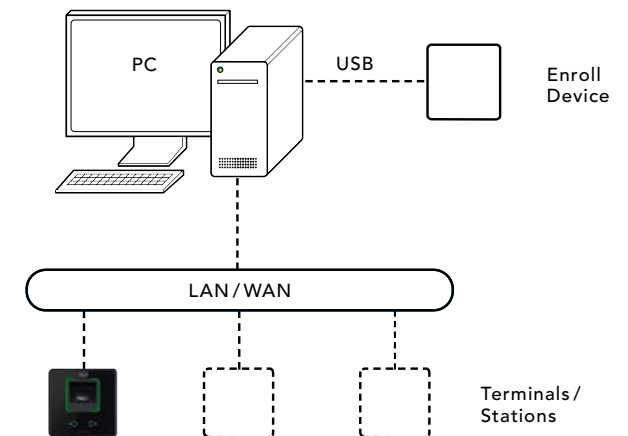


TOUCH
FINGERPRINTING

2D MINI

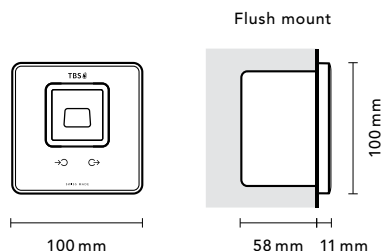
Berührungsbasierter Biometriesensor für Sicherheit und Anwenderfreundlichkeit am Zutrittspunkt.

- Optischer Touch-Sensor, FBI-zertifiziert
- Hohe Erkennungsleistung
- Einfache Zeiterfassung: «In/Out»
- Indoor- und Outdooreinsatz
- UP-Montage in Standardelektrodose
- Kleinere Nutzergruppen
- Benutzerführung über Leuchtring
- Autonom und netzwerkfähig
- Vandalismusoptimiert





2D
MINI



		3D ENROLL	3D TERMINAL	2D ENROLL	2D TERMINAL	2D STATION	2D MINI	2D MINI HOME	1D CARD STATION	SMART CONTROLLER
Applications	Access Control	•	•	•	•	•	•	•	•	•
	Time & Attendance	•	•	•	•	in/out	in/out		in/out	
	Civil/Criminal	•		•						
Sensor	Touchless, 3D-Multiview	•	•							
	Optical Touch, FBI-certified			•	•	•	•	•		
User Interface	5.0" Touchscreen		•							
	3.5" Touchscreen				•					
	RFID		(•)		(•)	•			•	
	PIN		•		•					
	Camera		(•)							
	Microphone		•							
	Speaker		•							
	Beeper					•	•	•	•	
Biometrics	Identification (1:N)		•		•	•	•	•		
	Verification (1:1)		•		•	•				
	Database Capacity		20'000		50'000	50'000	50'000	50'000	>50'000	
	Recommended Database for 1:N		unltd		<5'000	<5'000	<1'000	<1'000		
	FRR at FAR 1:100'000		<0.5%		<2%	<2%	<2%	<2%		
	Standalone Capability		•		•	•	•	•	•	
	Communication	LAN		•		•	•	•	•	•
WLAN			(•)		(•) ¹	(•) ¹	(•) ¹	(•) ¹	(•) ¹	
USB		•		•						
Interfaces	RS 232 / RS 485		•		•	•	•	•	•	•
	Wiegand		•		•	•	•	•	•	•
	Relay Output		(2)		(2) ¹	(2) ¹	(2) ¹	(2) ¹	(2) ¹	2
	I/O		(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	USB	9-30V	9-30V	9-30V	9-30V	9-30V	9-30V
	Max. Power Rating	20W	25W		15W	10W	10W	10W	10W	5W
	Operating Temperature in °C	0-60	-20-60	0-60	-20-60	-20-60	-20-60	-20-60	-20-60	0-60
	Humidity 10-90%	•	•	•	•	•	•	•	•	•
Mounting	Wall mount		•		•	•			•	•
	Flush mount / Outdoor		•		•	•	•	•	•	
	Outdoor device roof		(•) ²		(•) ²	(•) ²	(•) ²	(•) ²	(•) ²	
Certifications	CE	•	•	•	•	•	•	•	•	•

() = optional ¹ = outside of device ² = required if not sheltered

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