

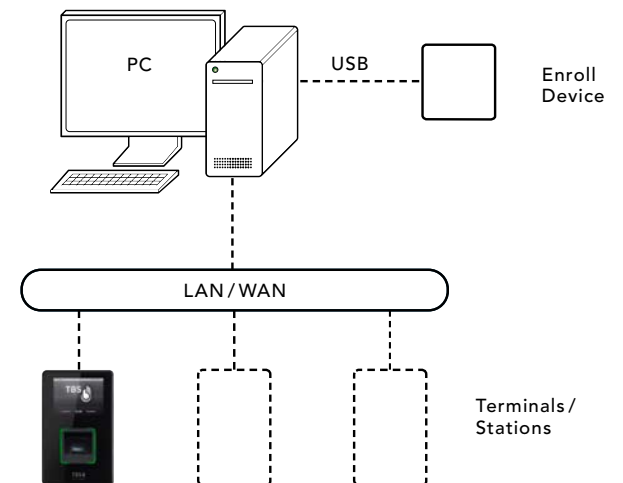


TOUCH  
FINGERPRINTING

## 2D TERMINAL

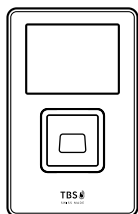
Berührungsbasiertes Biometrieterminal für hohe Sicherheit und Multifunktionalität am Zutrittspunkt.

- Optischer Touch-Sensor, FBI-zertifiziert
- Hohe Erkennungsleistung
- Zutritt und Zeiterfassung
- Indoor- und Outdooreinsatz
- Auf- oder Unterputzmontage
- UP-Montage in Doppelelektrodose
- Identifikation oder PIN-Verifikation
- Kleine bis mittelgrosse Nutzergruppen
- Touchscreen personalisierbar
- Benutzerfreundliche Bedienung und Konfiguration
- Kundenspezifische Ausbaumöglichkeiten
- Autonom und netzwerkfähig
- Vandalismusoptimiert



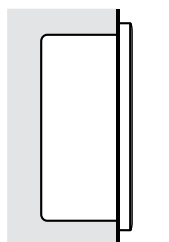


2D  
TERMINAL



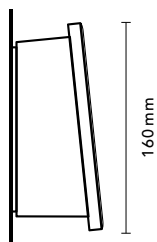
100 mm

Flush mount



60 mm 11 mm

Wall mount



75 mm

160 mm

Touchless Biometric Systems AG  
Rietbrunnen 2  
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Switzerland  
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		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		(•)		(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	
	USB	•		•						
Interfaces	RS 232 / RS 485		•		•	•	•	•	•	•
	Wiegand		•		•	•	•	•	•	•
	Relay Output		(2)		(2) <sup>1</sup>	(2) <sup>1</sup>	(2) <sup>1</sup>	(2) <sup>1</sup>	(2) <sup>1</sup>	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		(•) <sup>2</sup>		(•) <sup>2</sup>	(•) <sup>2</sup>	(•) <sup>2</sup>	(•) <sup>2</sup>	(•) <sup>2</sup>	
Certifications	CE	•	•	•	•	•	•	•	•	•

( ) = optional    <sup>1</sup> = outside of device    <sup>2</sup> = required if not sheltered