

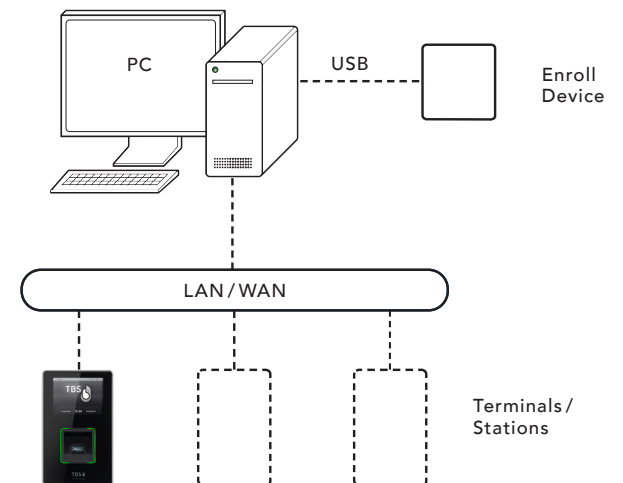


TOUCH
FINGERPRINTING

2D TERMINAL

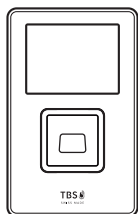
Berührungsbasiertes Biometrieterminal für hohe Sicherheit und Multifunktionalität am Zutrittspunkt.

- 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



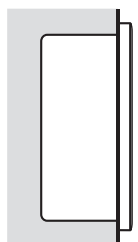


2D
TERMINAL



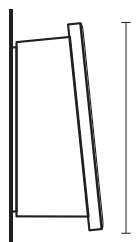
100 mm

Flush mount



60 mm 11 mm

Wall mount



75 mm

160 mm

Touchless Biometric Systems AG
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	3D TERMINAL	2D EYE	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	•						
	2D-Camera		•					
	Optical Touch, FBI-certified					•		
	Capacitive Touch						•	•
	Multispectral			•	•			
User Interface	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
	1:1 Database Size Limit	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%
	Standalone Capability	•	•	•	•	• ⁵	• ⁵	• ⁵
	Communication	LAN	•	•	•	•	•	•
	WLAN	(•)	(•)	(•)	(•)	(•) ²	(•) ²	
Interfaces	RS 232 / RS 485 (OSDP)	•	•	•	•	•	•	
	Wiegand	•	•	•	•	•	•	
	Relay Output	(2) ⁶	1	2	2	(1) ⁷	(1) ⁷	(1) ⁷
	I/O	(1/1)	2/-	2/2	2/2			
Security	Liveness Detection	(•)	(•)	(•)	(•)			
	Multi-level Data Encryption	•	•	•	•	•	•	
	Template on Card	(•)	(•)	(•)	(•)	(•)	(•)	
	Anti-tampering / Silent Alarm	(•)	(•)	(•)	(•)	(•)	(•)	
Conditions	Input Supply Voltage DC	9-30V	12V	9-30V	9-30V	9-30V	9-30V	
	Max. Power Rating	25W	36W	15W	15W	15W	10W	
	Operation Temperature in C	-20-60	0-45	-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	
Certifications	CE	•	•	•	•	•	•	

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'