

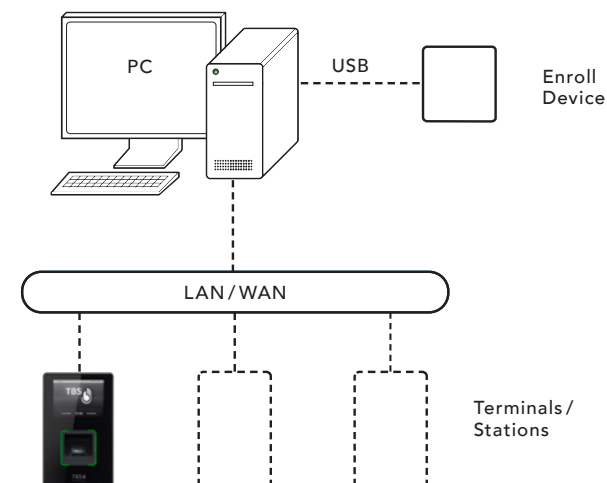


TOUCH  
FINGERPRINTING

## 2D TERMINAL

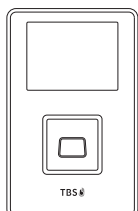
Berührungsbasiertes Biometrieterminal für hohe Sicherheit und Multifunktionalität am Zutrittspunkt.

- Kapazitiver Touch-Sensor
- 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
- Bluetooth- und Wifi-fähig



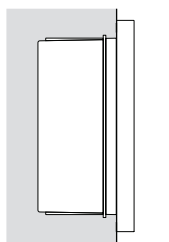


2D  
TERMINAL



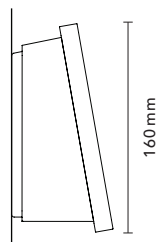
100 mm

Flush mount



60 mm 14 mm

Wall mount



78 mm

160 mm

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

1 = Extendable  
•<sup>2</sup> = Indoor use only  
•<sup>3</sup> = Mifare / Desfire only  
(\*) = Required if not sheltered  
(\*) = Optional

(2)<sup>5</sup> = Requires internal relay board  
6 = Micro-SIM. Supported bands:  
LTE FDD: B1/B3/B7/B8/B20/B28A,  
WCDMA: B1/B8, GSM: B3/B8

		3D ENROLL	3D TERMINAL	2D EYE	2D EYE THERMAL	2D ENROLL	2D+ TERMINAL	2D+ IP65 TERMINAL HEAVY DUTY	2D TERMINAL	2D STATION	2D TIME
Applications	Access Control		•	•	•		•	•	•	•	
	Time & Attendance		•	•	•		•	•	•	in/out	•
Sensor	Touchless, 3D-Multiview	•	•								
	Iris			•	•						
	Thermal camera				•						
	Capacitive Touch					•			•	•	•
	Multispectral						•	•			
User Interface	9.0" Touchscreen										•
	5.0" Touchscreen		•	•	•		•	•			
	3.5" Touchscreen								•		
	RFID		(•)	• <sup>3</sup>	• <sup>3</sup>		(•)	(•)	(•)	•	
	PIN		•	•	•		•	•	•		•
	Loudspeaker		•	•	•		•	•			
	Beeper								•	•	
Biometrics	Identification (1:N)		•	•	•		•	•	•	•	•
	Verification (1:1)		•	•	•		•	•	•	•	•
	1:N Database Size Limit		10'000 <sup>1</sup>	10'000 <sup>1</sup>	10'000 <sup>1</sup>		10'000 <sup>1</sup>	10'000 <sup>1</sup>	5'000 <sup>1</sup>	5'000 <sup>1</sup>	5'000 <sup>1</sup>
	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%	<0.5%		<1.0%	<1.0%	<2.0%	<2.0%	<2.0%
Communication	LAN		•	•	•		•	•	•	•	•
	WLAN		(•)				(•)	(•)	(•)	(•)	•
	Mobile <sup>6</sup>										•
Interfaces	RS 232 / RS 485		•	•	•		•	•	•	•	
	Wiegand		•	•	•		•	•	•	•	
	Relay Output		(2) <sup>5</sup>	1	1		1	1	(1)	(1)	
	I/O		(1/1)				2/2	2/2	3/1	/1	
Security	Liveness Detection		(•)				(•)	(•)			
	Multi-level Data Encryption		•				•	•	•	•	•
	Template on Card		(•)	(•)	(•)		(•)	(•)	(•)	(•)	(•)
	Anti-tampering		(•)				(•)	(•)	(•)	(•)	
Conditions	Input Supply Voltage DC (V)	5	9-30	12	12	USB	9-30	9-30	12-24	12-24	12
	Max. Power Rating (W)	16	18	16	16	5	10	10	7	5	10
	Operating Temperatures (C)	0° to 60°	-20° to 60°	0° to 45°	0° to 45°	0° to 60°	-20° to 60°	-20° to 60°	-20° to 60°	-20° to 60°	0° to 35°
	Humidity 10-90%	•	•	•	•	•	•	•	•	•	•
Mounting	Wall mount		• <sup>2</sup>	• <sup>2</sup>	• <sup>2</sup>		• <sup>2</sup>	•	• <sup>2</sup>	• <sup>2</sup>	• <sup>2</sup>
	Flush mount (IP54)		•				•		•	•	
	Sun protection kit		(•) <sup>4</sup>						(•) <sup>4</sup>	(•) <sup>4</sup>	
Certifications	CE	•	•	•	•	•	•	•	•	•	•