

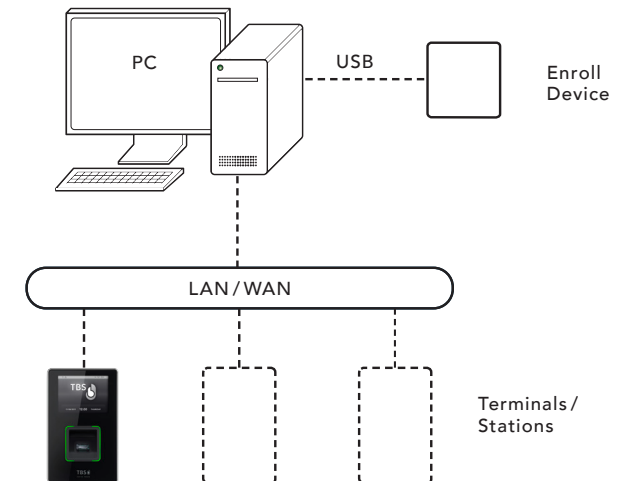


TOUCH
FINGERPRINTING

2D TERMINAL

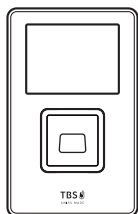
Touch-based biometric terminal for high security and multi-functionality at point of access.

- Capacitive touch
- Excellent identification performance
- Access Control, Time & Attendance (T&A)
- In- and outdoor use
- Flush or surface mount
- Identification or PIN-verification
- Small- and medium-sized user groups
- Personalizable touchscreen
- User-friendly operation and configuration
- Customer-specific modifications
- Stand-alone and network capability
- Vandalism resistant



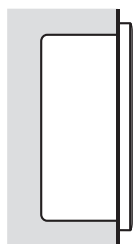


2D
TERMINAL



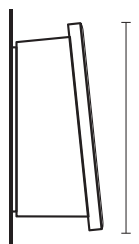
100 mm

Flush mount



60 mm 11 mm

Wall mount



75 mm

160 mm

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1 = Extendable
•² = Indoor use only
•³ = Mifare / Desfire only
(•)⁴ = Required if not sheltered
(•) = Optional
(2)⁵ = Requires internal relay board
(1)⁶ = Relay Type – 'Normally open only'
7 = 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		(•)	• ³	• ³		(•)	(•)	(•)	•	(•)
	PIN		•	•	•		•	•	•		•
	Loudspeaker		•	•	•		•	•			
	Beeper								•	•	
Biometrics	Identifications (1:N)		•	•	•		•	•	•	•	•
	Verification (1:1)		•	•	•		•	•	•	•	•
	1:N Database Size Limit		10'000 ¹	10'000	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	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 ⁷										•
Interfaces	RS 232 / RS 485		•	•	•		•	•	•	•	
	Wiegand		•	•	•		•	•	•	•	
	Relay Output		(2) ⁵	1	1		1	1	(1) ⁶	(1) ⁶	
	I/O		(1/1)				2/2	2/2			
Security	Liveness Detection		(•)				•	•			
	Multi-level Data Encryption		•	•	•		•	•	•	•	•
	Template on Card		(•)	(•)	(•)		(•)	(•)	(•)	(•)	(•)
	Anti-tampering		(•)				(•)	(•)	(•)	(•)	
Conditions	Input Supply Voltage DC	5V	9–30V	12V	12V	USB	9–30V	9–30V	9–30V	9–30V	12V
	Max. Power Rating	20W	25W	36W	36W		15W	15W	15W	10W	24W
	Operating Temperatures	0° to 60° C	-20° to 60° C	0° to 45° C	0° to 45° C	0° to 60° C	-20° to 60° C	-20° to 60° C	-20° to 60° C	-20° to 60° C	0° to 35° C
	Humidity 10–90%	•	•	•	•	•	•	•	•	•	•
Mounting	Wall mount		• ²	• ²	• ²		• ²	•	• ²	• ²	• ²
	Flush mount (IP54)		•				•		•	•	
	Sun protection kit		(•) ⁴						(•) ⁴	(•) ⁴	
Certifications	CE	•	•	•	•	•	•	•	•	•	•