

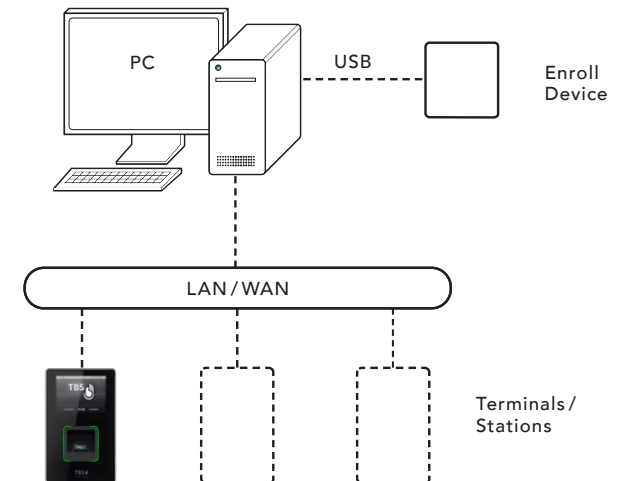


TOUCH  
FINGERPRINTING

## 2D TERMINAL

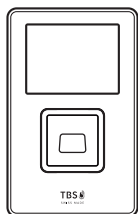
Touch-based biometric terminal for high security and multi-functionality at point of access.

- Optical touch sensor, FBI certified
- 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



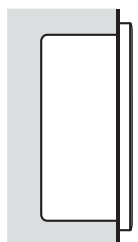


2D  
TERMINAL



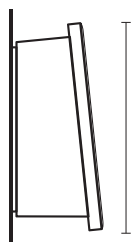
100 mm

Flush mount



60 mm 11 mm

Wall mount



75 mm

160 mm

1 = extendable  
 (•)<sup>2</sup> = outside of device  
 3 = extendable  
 (•)<sup>4</sup> = required if not sheltered  
 •<sup>5</sup> = Requires Bluetooth module and BM Mobile  
 (2)<sup>6</sup> = Requires internal relay board

		3D TERMINAL	3D FACE	2D+ TERMINAL	2D TERMINAL HEAVYDUTY	2D TERMINAL	2D STATION	2D MINI	2D MINI HOME	1D TERMINAL	1D CARD STATION
Applications	Access Control	•	•	•	•	•	•	•	•	•	•
	Time & Attendance	•	•	•	•	•	in/out	in/out		•	in/out
	Civil / Criminal										
Sensor	Touchless, 3D-Multiview	•									
	3D-Camera		•								
	Optical Touch, FBI-certified					•	•				
	Capacitive Touch							•	•		
	Multispectral			•	•						
User Interface	7.0" Touchscreen		•								
	5.0" Touchscreen	•		•	•						
	3.5" Touchscreen					•				•	
	RFID	(•) <sup>1</sup>	•	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	•			•	•
	PIN	•	•	•	•	•				•	
	Loudspeaker	•	•								
	Beeper					•	•	•	•	•	•
Biometrics	Identifications (1:N)	•	•	•	•	•	•	•	•		
	Verification (1:1)	•	•	•	•	•	•				
	1:N Database Size Limit	10'000 <sup>1</sup>	1'000	10'000 <sup>1</sup>	10'000 <sup>1</sup>	5'000	5'000	5'000	5'000	100'000	100'000
	1:1 Database Size Limit	100'000	100'000	100'000	100'000	100'000	100'000	100'000	100'000	100'000	100'000
	FRR at FAR 1:100'000	<0.5%	<5.0%	<1.0%	<1.0%	<2.0%	<2.0%	<2.0%	<2.0%	0%	0%
	Standalone Capability	•	•	•	•	• <sup>5</sup>	• <sup>5</sup>	• <sup>5</sup>	• <sup>5</sup>	• <sup>5</sup>	• <sup>5</sup>
Communication	LAN	•	•	•	•	•	•	•	•	•	•
	WLAN	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>2</sup>	(•) <sup>2</sup>	(•) <sup>2</sup>	(•) <sup>2</sup>	(•) <sup>2</sup>	(•) <sup>2</sup>
Interfaces	RS 232 / RS 485	•	•	•	•	•	•	•	•	•	•
	Wiegand	•	•	•	•	•	•	•	•	•	•
	Relay Output	(2) <sup>6</sup>	2	(2) <sup>6</sup>	2	1	1	1	1	1	1
	I/O	(1/1)	2/2	(1/1)	2/2						
Security	Liveness Detection	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>						
	Multi-level Data Encryption	•	•	•	•	•	•	•	•	•	•
	Template on Card	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>				
	Anti-tampering / Silent Alarm	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>
Conditions	Input Supply Voltage DC	9-30V	9-30V	9-30V	9-30V	9-30V	9-30V	9-30V	9-30V	9-30V	9-30V
	Max. Power Rating	25W	15W	15W	15W	15W	10W	10W	10W	10W	10W
	Operation Temperature in C	-20-60	0-60	-20-60	-20-60	-20-60	-20-60	-20-60	-20-60	-20-60	-20-60
	Humidity 10-90%	•	•	•	•	•	•	•	•	•	•
Mounting	Wall mount <sup>(3)</sup>	•	•	•	•	•	•			•	•
	Flush mount / Outdoor <sup>(3)</sup>	•		•		•	•	•	•	•	•
	Outdoor kit <sup>(3)</sup>	(•) <sup>4</sup>		•		(•) <sup>4</sup>	(•) <sup>4</sup>	(•) <sup>4</sup>	(•) <sup>4</sup>	(•) <sup>4</sup>	(•) <sup>4</sup>
Certifications	CE	•	•	•	•	•	•	•	•	•	•

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