

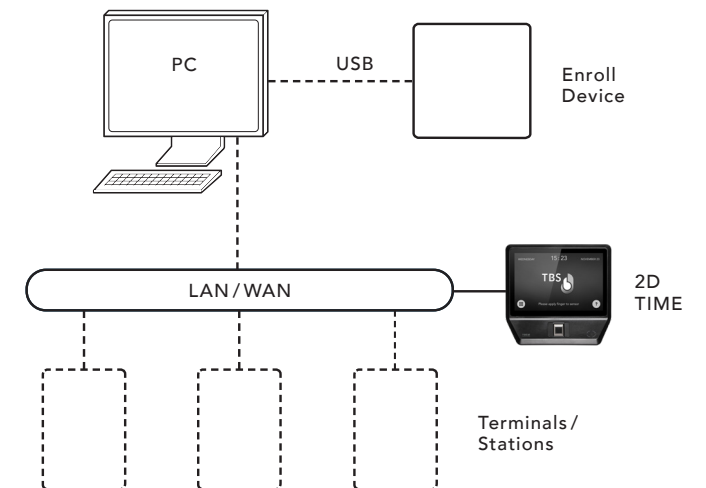


TOUCH  
FINGERPRINTING

## 2D TIME

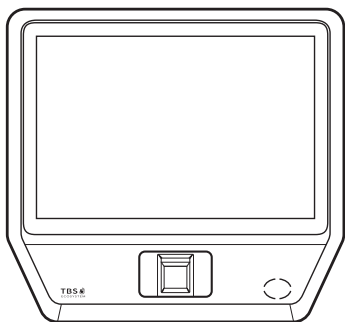
Touch-based biometric terminal for time and attendance functionality

- Capacitive touch
- Excellent identification performance
- Flexible Time and Attendance functionality
- 9-inch screen
- Network-capable (LAN/WLAN/4G)
- Surface mount
- Small and large-sized user groups
- Personalizable touchscreen
- Variable configuration and customizing
- Various RFID Options

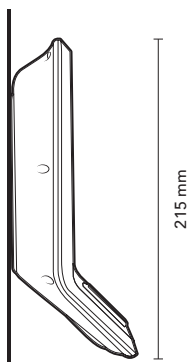




2D  
TIME



235 mm



215 mm

85 mm

Wall mount

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  
•<sup>4</sup> = Required if not sheltered  
(2)<sup>5</sup> = Requires internal relay board  
(1)<sup>6</sup> = Relay Type - 'Normally open only'  
7 = Supported bands:  
LTE FDD: B1/B3/B7/B8/B20/B28A,  
WCDMA: B1/B8, GSM: B3/B8

(•) = Optional

		3D ENROLL	3D TERMINAL	2D EYE	2D EYE THERMAL	2D ENROLL	2D+ TERMINAL	2D+ IP65 TERMINAL HEAVY DUTY	2D TERMINAL	2D STATION	2D MINI	2D MINI HOME	2D TIME
Applications	Access Control		•	•	•		•	•	•	•		•	
	Time & Attendance		•	•	•		•	•	•	in/out	in/out		•
Sensor	Touchless, 3D-Multiview	•	•										
	Iris			•	•								
	Thermal camera				•								
	Optical Touch, FBI-certified					•							
	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	Identifications (1:N)		•	•	•		•	•	•	•	•	•	•
	Verification (1:1)		•	•	•		•	•	•	•	•	•	•
	1:N Database Size Limit		10'000 <sup>1</sup>	10'000	10'000		10'000 <sup>1</sup>	10'000 <sup>1</sup>	5'000	5'000	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%	<2.0%	<2.0%
Communication	LAN		•	•	•		•	•	•	•	•	•	•
	WLAN		(•)				(•)	(•)	(•)	(•)	(•)	(•)	•
	Mobile <sup>7</sup>												•
Interfaces	RS 232 / RS 485		•	•	•		•	•	•	•	•	•	
	Wiegand		•	•	•		•	•	•	•	•	•	
	Relay Output		(2) <sup>5</sup>	1	1		1	1	(1) <sup>6</sup>	(1) <sup>6</sup>	(1) <sup>6</sup>	(1) <sup>6</sup>	
	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	9-30V	9-30V	12V
	Max. Power Rating	20W	25W	36W	36W		15W	15W	15W	10W	10W	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	-20° to 60° C	-20° to 60° C	0° to 35° C
	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>			• <sup>2</sup>
	Flush mount (IP54)		•				•		•	•	•	•	
	Sun protection kit		(•) <sup>4</sup>						(•) <sup>4</sup>	(•) <sup>4</sup>	(•) <sup>4</sup>	(•) <sup>4</sup>	
Certifications	CE	•	•	•	•	•	•	•	•	•	•	•	•