

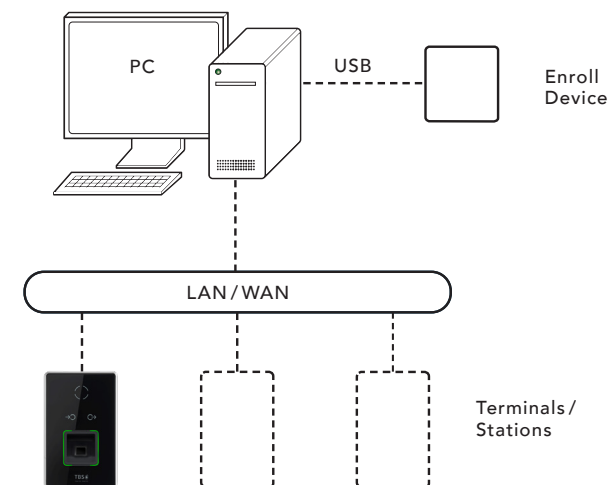


TOUCH  
FINGERPRINTING

## 2D STATION

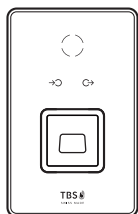
Touch-based biometric station in combination with RFID for high security and convenience at point of access.

- Capacitive touch
- Excellent identification performance
- Access Control and T&A (In/Out)
- In- and outdoor use
- Flush or surface mount
- Identification or RFID-verification
- Small- and medium-sized user groups
- Intuitive guidance by means of light ring
- Stand-alone and network capability
- Vandalism resistant



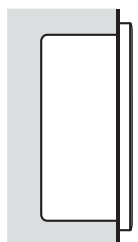


2D STATION



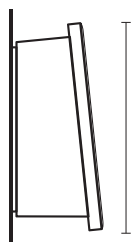
100 mm

Flush mount



60 mm 11 mm

Wall mount



75 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  
 (\*<sup>4</sup>) = Required if not sheltered  
 (\*<sup>5</sup>) = Optional  
 (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

		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>1</sup>	• <sup>3</sup>	• <sup>3</sup>		(•) <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>	10'000	10'000		10'000 <sup>1</sup>	10'000 <sup>1</sup>	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		(•) <sup>1</sup>				(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	•
	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>	
	I/O		(1/1)				2/2	2/2			
Security	Liveness Detection		(•) <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>	(•) <sup>1</sup>	(•) <sup>1</sup>
	Anti-tampering		(•) <sup>1</sup>				(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	(•) <sup>1</sup>	
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		• <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	•	•	•	•	•	•	•	•	•	