

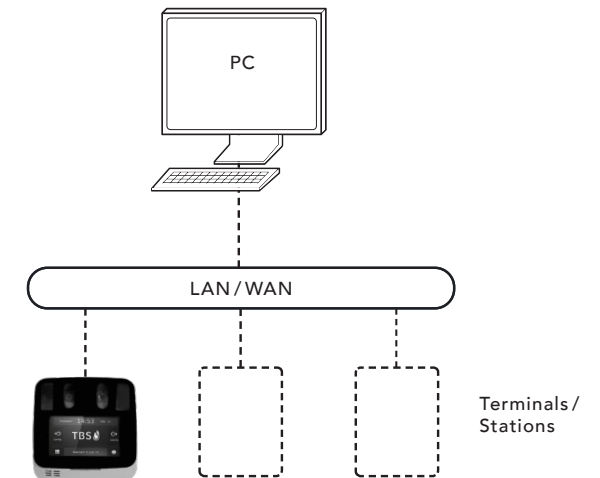


IRIS
RECOGNITION

2D EYE

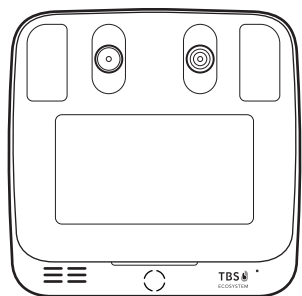
Iris recognition for high security
and multifunctionality at point of access.

- Iris technology
- Access Control, Time and Attendance (T&A)
- Indoor use
- Surface mount
- High security level
- Excellent identification performance
- Enrollment on terminal
- Identification or verification
- Medium to large-sized user groups
- Personalizable touchscreen
- Variable configuration and customizing
- Inclusive MiFare / DesFire RFID reader
- Stand-alone and network capability
- Hygienic for sensitive applications



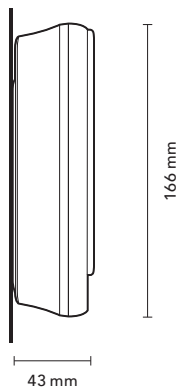


2D
EYE



166 mm

Wall mount



43 mm

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

1 = extendable
(•)² = outside of device
3 = extendable
(•)⁴ = required if not sheltered

•⁵ = Requires Bluetooth module and BM Mobile
(2)⁶ = Requires internal relay board
(1)⁷ = Relay Type – 'Normally open only'

		3D TERMINAL	2D EYE	2D + TERMINAL	2D TERMINAL HEAVY DUTY	2D TERMINAL	2D STATION	2D MINI	2D MINI HOME
Applications	Access Control	•	•	•	•	•	•	•	•
	Time & Attendance	•	•	•	•	•	in/out	in/out	
	Civil / Criminal								
Sensor	Touchless, 3D-Multiview	•							
	2D-Camera		•						
	Optical Touch, FBI-certified					•	•		
	Capacitive Touch							•	•
	Multispectral			•	•				
User Interface	7.0" Touchscreen								
	5.0" Touchscreen	•	•	•	•				
	3.5" Touchscreen					•			
	RFID	(•)	•	(•)	(•)	(•)	•		
	PIN	•	•	•	•	•			
	Loudspeaker	•	•	•	•				
	Beeper					•	•	•	•
Biometrics	Identifications (1:N)	•	•	•	•	•	•	•	•
	Verification (1:1)	•	•	•	•	•	•	•	•
	1:N Database Size Limit	10'000 ¹	10'000	10'000 ¹	10'000 ¹	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%	<1.0%	<1.0%	<2.0%	<2.0%	<2.0%	<2.0%
	Standalone Capability	•	•	•	•	• ⁵	• ⁵	• ⁵	• ⁵
Communication	LAN	•	•	•	•	•	•	•	•
	WLAN	(•)	(•)	(•)	(•)	(•) ²	(•) ²	(•) ²	(•) ²
Interfaces	RS 232 / RS 485 (OSDP)	•	•	•	•	•	•	•	•
	Wiegand	•	•	•	•	•	•	•	•
	Relay Output	(2) ⁶	1	2	2	(1) ⁷	(1) ⁷	(1) ⁷	(1) ⁷
	I/O	(1/1)	2/-	2/2	2/2				
Security	Liveness Detection	(•)	(•)	(•)	(•)				
	Multi-level Data Encryption	•	•	•	•	•	•	•	•
	Template on Card	(•)	(•)	(•)	(•)	(•)	(•)		
	Anti-tampering / Silent Alarm	(•)	(•)	(•)	(•)	(•)	(•)	(•)	(•)
Conditions	Input Supply Voltage DC	9-30V	12V	9-30V	9-30V	9-30V	9-30V	9-30V	9-30V
	Max. Power Rating	25W	36W	15W	15W	15W	10W	10W	10W
	Operation Temperature in C	-20-60	0-45	-20-60	-20-60	-20-60	-20-60	-20-60	-20-60
	Humidity 10-90%	•	•	•	•	•	•	•	•
Mounting	Wall mount ⁽³⁾	•	•	•	•	•	•		
	Flush mount / Outdoor ⁽³⁾	•		•		•	•	•	•
	Outdoor kit ⁽³⁾	(•) ⁴				(•) ⁴	(•) ⁴	(•) ⁴	(•) ⁴
Certifications	CE	•	•	•	•	•	•	•	•