



2D
EYE THERMAL



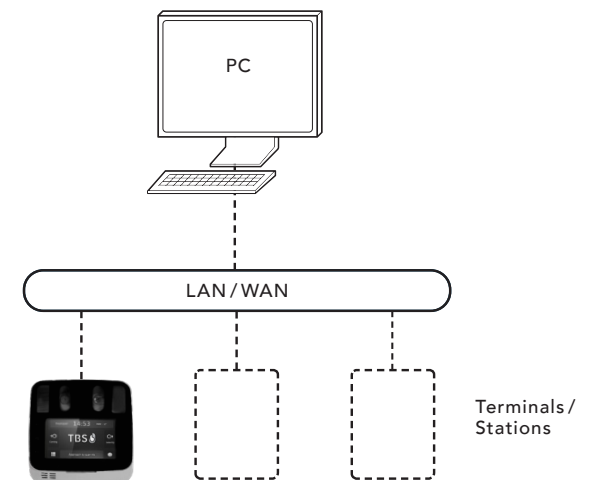
Thermal Sensor
Module

IRIS
RECOGNITION

2D EYE THERMAL

Hybrid iris and face recognition including an additional thermal camera for body temperature measurement providing high security and multi-functionality at point of access.

- Iris and face technology
- Additional thermal sensor
- 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

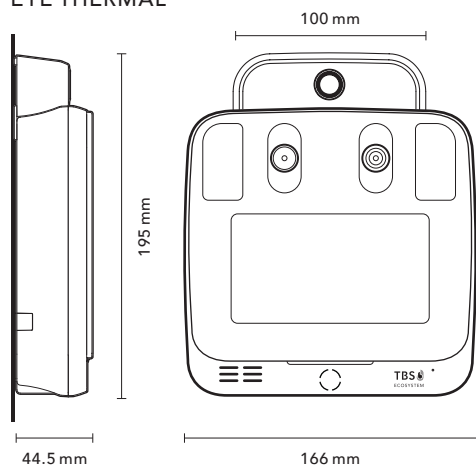




THERMAL SENSOR SPECIFICATIONS

Thermal sensitivity	<50mk (+/- 0.05 deg. C)
Calibration	Only once
Alarm setting	Configurable (typically 1.9 deg. C)
Thermal imaging	Process displayed on LCD
Digital & power connection	USB (internal)
Certifications	CE
Operating temperature	-20 to 60 deg C
Waterproof	Yes

2D EYE THERMAL



Wall mount

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

- 1 = Extendable
- ² = Indoor use only
- ³ = Mifare / Desfire only
- (•)⁴ = Required if not sheltered
- (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

(•) = 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		•	•	•		•	•	•	•	•	•	
		•	•	•		•	•	•	in/out	in/out		•
Sensor	•	•										
			•	•								
				•								
				•	•							
				•				•	•	•	•	•
				•		•	•					
User Interface						•	•					•
		•	•	•		•	•					
								•				
		(•)	• ³	• ³		(•)	(•)	(•)	•			(•)
		•	•	•		•	•	•				•
		•	•	•		•	•					
								•	•	•	•	
Biometrics		•	•	•		•	•	•	•	•	•	•
		•	•	•		•	•	•	•	•	•	•
		10'000 ¹	10'000	10'000		10'000 ¹	10'000 ¹	5'000	5'000	5'000	5'000	5'000
		100'000	100'000	100'000		100'000	100'000	100'000	100'000			100'000
		<0.5%	<0.5%	<0.5%		<1.0%	<1.0%	<2.0%	<2.0%	<2.0%	<2.0%	<2.0%
Communication		•	•	•		•	•	•	•	•	•	•
		(•)				(•)	(•)	(•)	(•)	(•)	(•)	•
												•
Interfaces		•	•	•		•	•	•	•	•	•	•
		•	•	•		•	•	•	•	•	•	•
		(2) ⁵	1	1		1	1	(1) ⁶	(1) ⁶	(1) ⁶	(1) ⁶	
		(1/1)				2/2	2/2					
Security		(•)				•	•					
		•	•	•		•	•	•	•	•	•	•
		(•)	(•)	(•)		(•)	(•)	(•)	(•)			(•)
		(•)				(•)	(•)	(•)	(•)	(•)	(•)	
Conditions	5V	9-30V	12V	12V	USB	9-30V	9-30V	9-30V	9-30V	9-30V	9-30V	12V
	20W	25W	36W	36W		15W	15W	15W	10W	10W	10W	24W
	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
	•	•	•	•	•	•	•	•	•	•	•	•
Mounting		• ²	• ²	• ²		• ²	• ²	• ²	• ²			• ²
		•				•		•	•	•	•	
		(•) ⁴						(•) ⁴	(•) ⁴	(•) ⁴	(•) ⁴	
Certifications	•	•	•	•	•	•	•	•	•	•	•	•