

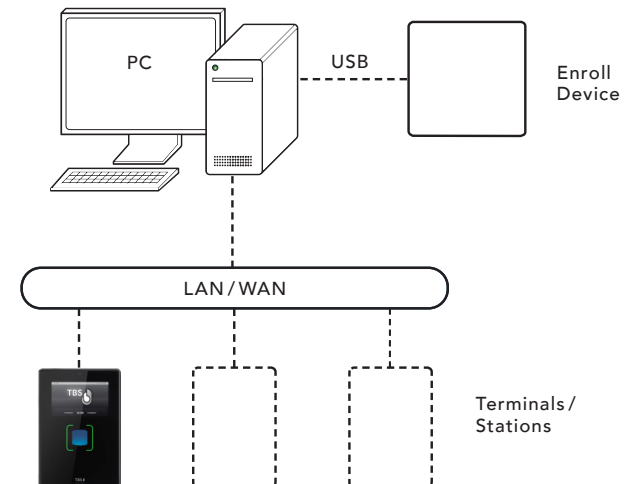


MULTISPECTRAL
FINGERSCANNING

2D TERMINAL MULTISPECTRAL

TBS technology combined with world's best touch sensor for highest security and multifunctionality at point of access.

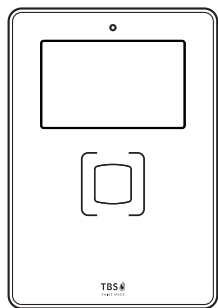
- Multispectral sensor HID Lumidigm™
- Access Control, Time and Attendance (T&A)
- Excellent liveness detection / spoof prevention
- Designed for harsh environments
- In- and outdoor use
- Flush or surface mount
- Superior identification performance
- Identification or verification
- Small- and large-sized user groups
- Personalizable touchscreen
- Variable configuration and customizing
- Various RFID Options
- Stand-alone and network capability



reddot design award
honourable mention 2012

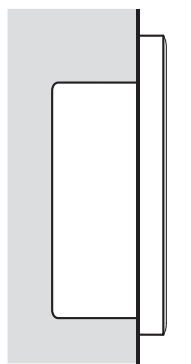


2D TERMINAL
MULTISPECTRAL



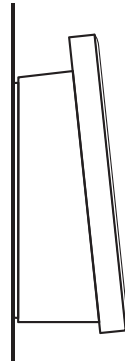
160 mm

Flush mount



66 mm 22 mm

Wall mount



95 mm

230 mm

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

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

() = optional

¹ = extendable

² = outside of device

³ = all devices must be protected against direct sunlight

⁴ = required if not sheltered