

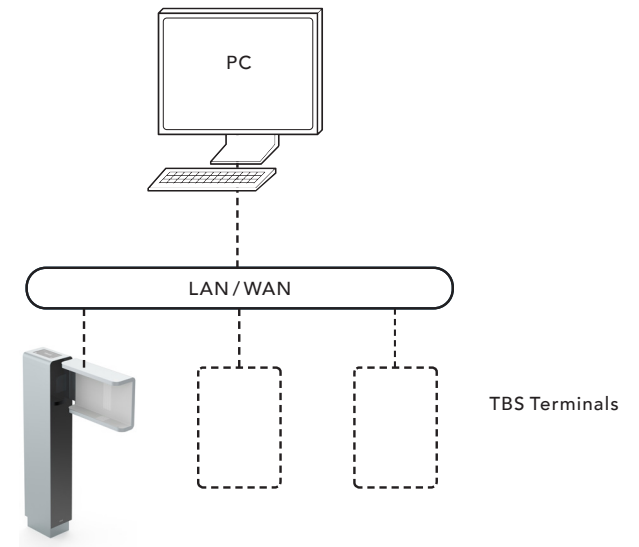


3D TOUCHLESS
HAND SCANNER

3D FLY

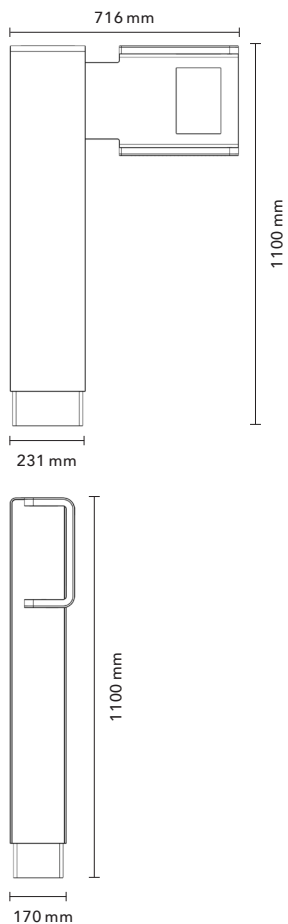
World fastest and most accurate "on-the-fly" identification for speed-lanes. High security and throughput delivering the best user experience.

- High-speed technology: Walk by. Fly through.
- Hand capture on-the-fly: secure & convenient
- Touchless & hygienic for maximum user comfort
- Four-finger-principle: lower false rejection by offering 4 biometric samples simultaneously
- Identification within a second
- Access Control in high throughput environments
- Large database capacity
- Variable configuration and customizing





3D FLY



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1 = Extendable by license. Figure indicates single fingerprints, iris pairs or hands
 2 = Indoor use only
 3 = Mifare Classic/Desfire only
 (•)⁴ = Required if not sheltered
 (•) = Optional
 (2)⁵ = Requires internal RelayBoard
 6 = Supported bands:
 LTE FDD: B1/B3/B7/B8/B20/B28A
 WCDMA: B1/B8, GSM: B3/B8

		3D ENROLL	3D TERMINAL	3D FLY	2D EYE	2D EYE THERMAL	2D ENROLL	2D + TERMINAL	2D + 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											•
	7.0" Touchscreen			•								
	5.0" Touchscreen		•		•	•		•	•			
	3.5" Touchscreen									•		
	RFID		(•)		• ³	• ³		(•)	(•)	(•)	•	(•)
	PIN		•	•	•	•		•	•	•		•
	Loudspeaker		•	•	•	•		•	•			
Biometrics	Beeper									•	•	
	Identification (1:N)		•	•	•	•		•	•	•	•	•
	Verification (1:1)		•	•	•	•		•	•	•	•	•
	1:N Database Size Limit ¹		10'000	10'000	10'000	10'000		10'000	10'000	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	100'000
Communication	FRR at FAR 1:100'000		<0.5%	<0.5%	<0.5%	<0.5%		<1.0%	<1.0%	<2.0%	<2.0%	<2.0%
	LAN		•	•	•	•		•	•	•	•	•
	Wifi		(•)		(•)			(•)	(•)	•	•	•
Interfaces	Mobile ⁶											•
	RS 232 / RS 485		•	•	•	•		•	•	•	•	
	Wiegand Out		•	•	•	•		•	•	•	•	
	Relay (NO/NC selectable)		(2) ⁵	2	1	1		1	1	1	1	
Security	GPIN/GPOUT		(1/1)	2/2				2/2	2/2	3/1	3/1	
	Liveness Detection		(•)					(•)	(•)			
	Multi-level Data Encryption		•	•	•	•		•	•	•	•	•
	Template on Card		(•)	(•)	(•)	(•)		(•)	(•)	(•)	(•)	(•)
Conditions	Anti-tampering		(•)	(•)				(•)	(•)	(•)	(•)	
	Input Supply Voltage DC	5	12-24	110-230Ac	12-15	12-15	USB	12-24	12-24	12-24	12-24	12
	Max. Power Rating in W	16	18	25	16	16	5	10	10	5	3	10
	Operating Temperature in °C	0to60	-20 to 60	0 to 45	0 to 45	0 to 45	0 to 60	-20 to 60	-20 to 60	-20 to 60	-20 to 60	0 to 35
Mounting	Humidity 10-90%	•	•	•	•	•	•	•	•	•	•	•
	Wall mount		• ²		• ²	• ²		• ²	•	• ²	• ²	• ²
	Flush mount (IP54)		•					•		•	•	
Certifications	Sun protection kit		(•) ⁴							(•) ⁴	(•) ⁴	
	CE	•	•	•	•	•	•	•	•	•	•	•