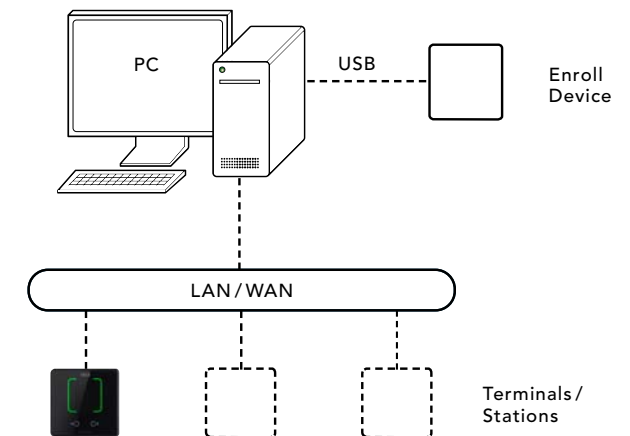




# 1D CARD STATION

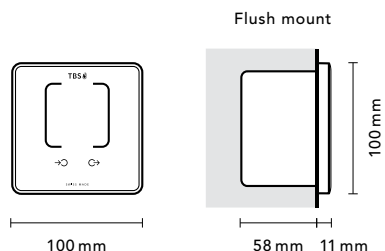
RFID-Zutritt und -Zeiterfassung als Alternative oder Ergänzung zu einer Biometrielösung.

- Einfache Zeiterfassung: «In/Out»
- Indoor- und Outdooreinsatz
- UP-Montage in Standardelektrodose
- Signalisierung über Leuchtring
- Vandalismusoptimiert





1D  
CARD STATION



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      | 2D STATION       | 2D MINI          | 2D MINI HOME     | 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  |           |                  | •         | •                | •                | •                | •                |                  |                  |
| User Interface | 5.0" Touchscreen              |           | •                |           |                  |                  |                  |                  |                  |                  |
|                | 3.5" Touchscreen              |           |                  |           | •                |                  |                  |                  |                  |                  |
|                | RFID                          |           | (•)              |           | (•)              | •                |                  |                  | •                |                  |
|                | PIN                           |           | •                |           | •                |                  |                  |                  |                  |                  |
|                | Camera                        |           | (•)              |           |                  |                  |                  |                  |                  |                  |
|                | Microphone                    |           | •                |           |                  |                  |                  |                  |                  |                  |
|                | Speaker                       |           | •                |           |                  |                  |                  |                  |                  |                  |
|                | Beeper                        |           |                  |           |                  | •                | •                | •                | •                |                  |
| Biometrics     | Identification (1:N)          |           | •                |           | •                | •                | •                | •                |                  |                  |
|                | Verification (1:1)            |           | •                |           | •                | •                |                  |                  |                  |                  |
|                | Database Capacity             |           | 20'000           |           | 50'000           | 50'000           | 50'000           | 50'000           | >50'000          |                  |
|                | Recommended Database for 1:N  |           | unltd            |           | <5'000           | <5'000           | <1'000           | <1'000           |                  |                  |
|                | FRR at FAR 1:100'000          |           | <0.5%            |           | <2%              | <2%              | <2%              | <2%              |                  |                  |
|                | Standalone Capability         |           | •                |           | •                | •                | •                | •                | •                |                  |
|                | Communication                 | LAN       |                  | •         |                  | •                | •                | •                | •                | •                |
| WLAN           |                               |           | (•)              |           | (•) <sup>1</sup> | (•) <sup>1</sup> | (•) <sup>1</sup> | (•) <sup>1</sup> | (•) <sup>1</sup> |                  |
| USB            |                               | •         |                  | •         |                  |                  |                  |                  |                  |                  |
| Interfaces     | RS 232 / RS 485               |           | •                |           | •                | •                | •                | •                | •                | •                |
|                | Wiegand                       |           | •                |           | •                | •                | •                | •                | •                | •                |
|                | Relay Output                  |           | (2)              |           | (2) <sup>1</sup> | (2) <sup>1</sup> | (2) <sup>1</sup> | (2) <sup>1</sup> | (2) <sup>1</sup> | 2                |
|                | I/O                           |           | (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            |
|                | Max. Power Rating             | 20W       | 25W              |           | 15W              | 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           | 0-60             |
|                | Humidity 10-90%               | •         | •                | •         | •                | •                | •                | •                | •                | •                |
| Mounting       | Wall mount                    |           | •                |           | •                | •                |                  |                  | •                | •                |
|                | Flush mount / Outdoor         |           | •                |           | •                | •                | •                | •                | •                |                  |
|                | Outdoor device roof           |           | (•) <sup>2</sup> |           | (•) <sup>2</sup> | (•) <sup>2</sup> | (•) <sup>2</sup> | (•) <sup>2</sup> | (•) <sup>2</sup> |                  |
| Certifications | CE                            | •         | •                | •         | •                | •                | •                | •                | •                | •                |

( ) = optional    <sup>1</sup> = outside of device    <sup>2</sup> = required if not sheltered