

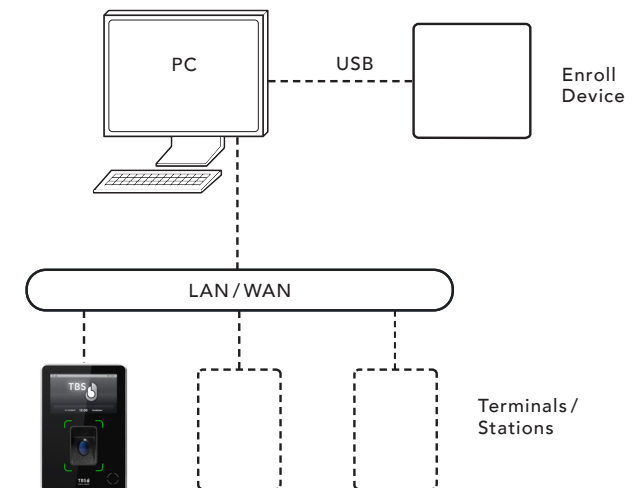


MULTISPECTRAL
FINGERSCANNING

2D+ TERMINAL

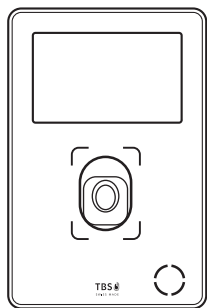
Berührungsbasiertes Biometrieterminal,
kombiniert mit dem weltbesten Touch-Sensor
für höchste Sicherheit und Multifunktionalität
am Zutrittspunkt.

- Multispektraler Sensor V-Series
- Zutritt und Zeiterfassung
- Erstklassige Lebenderkennung und Fälschungssicherheit
- In- und Outdooreinsatz
- Aufputz oder Unterputzmontage
- Sehr hohe Erkennungsleistung auch bei verschmutzten Fingern
- Identifikation oder Verifikation
- Kleine bis grosse Nutzergruppen
- Touchscreen personalisierbar
- Variable Konfiguration und Customizing
- Diverse RFID-Optionen
- Autonom und netzwerkfähig
- POE verfügbar



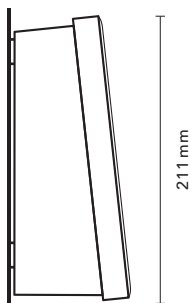


2D+
TERMINAL



140 mm

Wall mount



211 mm

90 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 |
| | 1:1 Database Size Limit | 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% |
| | Standalone Capability | • | • | • | • | • ⁵ | • ⁵ | • ⁵ |
| Communication | LAN | • | • | • | • | • | • | • |
| | WLAN | (•) | (•) | (•) | (•) | (•) ² | (•) ² | (•) ² |
| Interfaces | RS 232 / RS 485 (OSDP) | • | • | • | • | • | • | • |
| | Wiegand | • | • | • | • | • | • | • |
| | Relay Output | (2) ⁶ | 1 | 2 | 2 | (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 |
| | Max. Power Rating | 25W | 36W | 15W | 15W | 15W | 10W | 10W |
| | Operation Temperature in C | -20-60 | 0-45 | -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 |
| Certifications | CE | • | • | • | • | • | • | • |