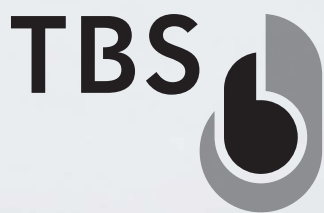**TBS**

TOUCHLESS
BIOMETRIC
SYSTEMS

SWITZERLAND

TBS

Touchless Biometric Systems (TBS) is a Swiss company offering complete biometric solutions for your security: for government, multinationals, small enterprises, institutional applications or residential buildings and villas.

TBS 3D Touchless Fingerprint Technology is worldwide unique. The three-dimensional and contact-free sensor technology captures the highest possible quantity of fingerprint details, guaranteeing significantly higher security than any other biometric system. Contact-free solutions qualify in particular for higher risk, large user groups or hygienically sensitive applications.

Each and every product of our comprehensive product portfolio is deliberately SWISS MADE, thus ensuring a maximum of quality and reliability.

AUB
Door Access Solutions

Door Access Solutions for Commercial, Institutional, Industrial and Residential projects in Hong Kong and Macau.

AUB offers a wide portfolio of Products & Solutions including Automatic Doors, high-performance Windows and Entrance Doors, Security Gates, Industrial Doors, Access Control and Door Hardware & Ironmongery.
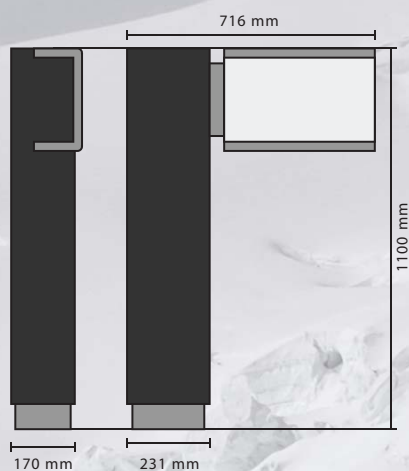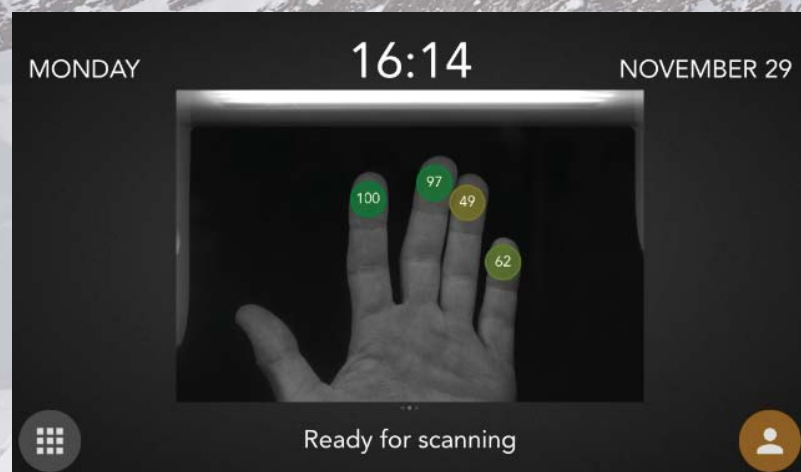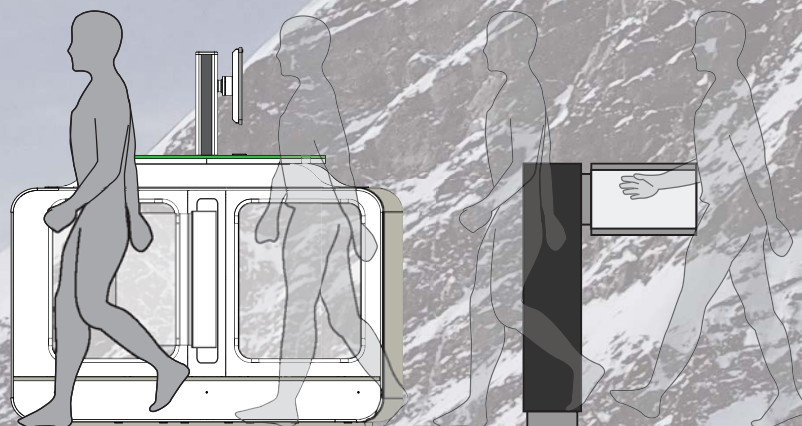
Service is our Value - we are supporting our customers with Design Development, Technical Advice & Customized Drawings, Ironmongery Schedules, Master Key Plans, Sourcing, Supply & Installation, Training and Service & Maintenance programs.

Key partners and suppliers include GILGEN Door Systems, EFAFLEX High-Speed Doors, HART Security Shutters, TESA Access Control , TBS Biometric Solutions, SAELZER high-security Doors, AIR-LUX Window Systems and SILBER Doors & Windows and many more.

3D TOUCHLESS
HAND SCANNER

3D FLY

MONDAY · 16:14 · NOVEMBER 29

100 · 97 · 49 · 62

Ready for scanning

World fastest and most accurate "on-the-fly" identification for sensor barrier.
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

716 mm

1100 mm

170 mm   231 mm

3D LIGHT

Iris recognition for high security and multifuntionality at point of access.

- Iris technology
- 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
- Optional HID multi-class RFID reader
- Stand-alone and network capability
- Hygienic for sensitive applications

THERMAL (Optional)

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

reddot design award
honourable mention 2012

3D AIR

Three-dimensional and contact-free terminal for highest security and multifunctionality at point of access.

- 3D touchless technology
- Access Control, Time and Attendance (T&A)
- In- and outdoor use
- Flush or surface mount
- Highest security level
- Superior identification performance
- No "Failure to Enroll"
- Identification or verification
- Small- and large-sized user groups
- Personalizable touchscreen
- Variable configuration and customizing
- Optional RFID, camera, liveness detection
- Stand-alone and network capability
- Hygienic for sensitive applications

Customized

| Arabian Gold | Root Wood | Swarowski |

2D SENSE

Touch-based biometric terminal with world's best touch sensor for highest security and multifunctionality at point of access.

- Multispectral sensor V-Series
- Access Control, Time and Attendance (T&A)
- Excellent liveness detection / spoof prevention
- 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
- POE available

2D IRON

Waterproof and dustproof TBS-housing for harsh environmental conditions with world's best touch sensor for highest security and multifunctionality at point of access.

- Waterproof and dustproof housing (IP65)
- Multispectral sensor V-Series
- Access Control, Time and Attendance (T&A)
- Excellent liveness detection / spoof prevention
- Designed for harsh environments
- In- and outdoor use
- 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
- POE available (optional)

2D PORTABLE

Touch-based biometric tablet with high security and multi-functionality for mobile use.

- Portable terminal with capacitive touch sensor
- Excellent identification performance
- Logical Access Control, Time and Attendance (T&A)
- Real-time data synchronization with server
- Identification or verification
- Small- and large-sized user groups
- Personalizable touchscreen
- User-friendly operation and conguration
- Customer-specic modications
- Network operation as part of the TBS biometric subsystem

3D TAILGATE

- Tailgate detector – efficient Security Staff Support
- High Accuracy – detects people and objects
- Reliability in changing light conditions
- Embedded software with sensor management tool
- Semi-automatic calibration
- Digital I/O Module with 7 DI and 8 DO
- Audible feedback for confirmation and alerts
- Self-diagnostics
- Data Logging
- Easy installation
- Seamless integration into TBS Ecosystem
- Supervises early alarm zone and main alarm zone around objects
- Superuser mode to bypass during special events
- Anti-tamper detection (field of view & network connection)

MINI SERVER

Compact biometic server, the core of the Medium Enterprise Solution, pre-installed and pre-configured.

- Automatically connexts up to 25 TBS devices
- Synchronizes all data in the system
- Easy mounting and wiring

CONTROLLER SMART

Versatile indoor controller with I/O capabilities to control door lock, alarm system and other third-party devices.

- Features up to 4 relays and 8 I/O lines
- Connects directly to TBS devices via RS485
- Network ready
- Easy installation
- DIN rail clamp included

TBS has customized countless applications for almost all sectors, be it banking, pharma, telecom, hospitality, heavy industries or logistics. However, what matters most in biometrics is size. That's why we're offering two different packages:

1) Medium and Small Enterprise Solution for up to 25 devices and 1000 users
2) Unlimited Enterprise Solution for companies that prefer a fully customized solution

BIO
MANAGER SOFTWARE

Ulimited Enterprise Solution
No Matter how large yor business is, the Unlimited Enterprise Solution provides you with the most extensive and customizable application for yor enterprise. It is based on TBS BioManager software and offers a wide array of options for customization and extensions - even beyond biometrics.

- Convenient administration of user data
- Central management and configuration of readers
- Web enrollment, remote enrollment
- Assignment of user rights
- Documentation of all access and time events
- TBS subsystem can be easily integrated into Third party platforms to perform specific task, such as: Nedap, Lenel, Honeywell or Siemens