

TOUCHLESS BIOMETRIC SYSTEMS INTRODUCES 3D FLY

A TRUE ON-THE-FLY BIOMETRICS EXPERIENCE

PRESS RELEASE

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Touchless Biometric Systems AG (TBS) presents today the newest addition to its comprehensive portfolio of biometric readers and solutions: the 3D FLY. The innovative sensor performs truly on-the-fly user identification, meaning users do not have to stop at the device. With the launch of 3D FLY, TBS has achieved a new milestone in the integration of consent-based biometrics into today's on-the-fly lifestyle.

TBS 3D FLY is a touchless scanning terminal meeting the highest hygiene and security standards while using one of the strongest and most stable biometric markers in the human body: our fingerprints. Moreover, the AI-assisted hand recognition technology significantly increases user throughput without compromising on security. This latest innovation from TBS is the only on-the-fly alternative with no compromises.

True On-The-Fly Touchless Identification

The 3D FLY sensor captures a high-resolution picture of the entire hand and extracts the biometric features of up to four fingers, resulting in superior recognition performance. This superior sensor technology - combined with fast data processing - identifies a person within a second. The process is so fast that users can present their hands whilst walking towards 3D FLY and through the speed gate with no stopping no slowing down.

The high sensor precision is reflected by the large storage capacity of templates of over 10 000 users in identification (1:N) mode. You can combine biometrics with PIN code to create a two-step

authentication process (1:1) for high-security sites and increase user count to 100 000.

Fast, Secure, And Hygienic Access Control

The 3D FLY is designed for access control in high throughput environments, namely on-the-fly applications such as speed gates, turnstiles, sliding doors – any access point where security, convenience, and speed are critical. From financial institutions to government bodies, corporations, or critical infrastructures such as energy, healthcare, data, and logistic centers, the 3D FLY will be one of the most integral parts of access control – starting at the main entrance of such premises.

Responsible Biometrics

When faced with the challenge of picking 'the right' biometrics technology, concerns about user & data management rightfully arise. Indeed, not all technologies are created equal. TBS lives and breathes 'responsible biometrics', that is, our devices work exclusively in a consent-based manner.

The 3D FLY offers users a highly secure authentication with a great user experience, requiring explicit user consent and cooperation every time they present their hand to the sensor. All the while being legally compliant without raising the ethical concerns related to passive surveillance capabilities of traditional face recognition technologies.

Ready to fly? Learn more about the 3D FLY

Watch the [Teaser Video](#) and visit the [Product Website](#).

About Touchless Biometric Systems (TBS)

TBS is the leading biometric solution provider and inventor of the 3D biometric terminal. Its Swiss products and solutions are designed to suit the needs of enterprises of any size or industry. TBS is the specialist behind the world's largest security integrators and countless resellers providing biometric expertise, products and solutions in Access Control and Workforce Management. TBS has expanded its worldwide reseller network to more than 40 countries by equipping several thousand installations on some of the most prestigious verticals and facilities throughout the world.

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