

DERMALOG

Biometric ATM

Improved cardholder authentication.



DERMALOG Biometric workplace ATMs – for Companies and Government Agencies.

Retaining existing employees, improving employee satisfaction.

The employee experiences a flexible solution that ensures increased privacy and portability. He is provided with quick access to money and is not obliged to leave his working environment or reduce productivity. The customer simplifies administration and processing of payrolls.

DERMALOG digit-scanning ATMs run on secure authentication methods developed by our leading biometrics experts and engineers. While representing a key step in reducing identity fraud, automated teller machines meet employees' increasing demands for faster and more secure financial transactions.

ATMs by DERMALOG combine advanced live scanner technology and biometric smartcards with the objective to identify registered employees with minimal ambiguity. As a result, the security of the system is increased while accuracy, speed and control of all cardholder authentication is improved.

At ATMs within the company employees are allowed to withdraw cash directly from their salary account, access their employer's financial or cash benefits and various other payments. At the same time a strong verification and authentication of the cardholder's identity creates a positive binding between the employee as card holder to the smart card.

DERMALOG ZF1 live scanner

The integrated ZF1 live scanner is your secure option preventing the unauthorized use of smart cards.



- > detection of fake fingers
- > instant fast capturing - no initialization required
- > high-quality images - no reference images necessary
- > best against disturbing light - no side effects caused by other light sources
- > best in handling fingerprint capturing
- > excellent quality for both dry and wet fingerprints
- > securely rules out fraud by ensuring the employee needs to verify his biometric credentials before making a withdrawal



DERMALOG biometric ATMs – trusted Technology.



Avoiding ambiguity

Achieving maximum security and convenience - use a biometric measure to identify customers and allow them to withdraw cash.



Secure identification

Once the customer is enrolled he is able to withdraw money simply by using his fingerprint – no PIN or password is required.



Ruling out fraud

Biometric data prevents and combats fraud, e.g. skimming. By strengthening security DERMALOG helps companies and government agencies to stay one step ahead.



Trusted biometrics

DERMALOG is a trusted partner in large banking projects and has helped major countries' financial systems one of the most modern in the world.

Technical Data ZF1



Fingerprint Scanning Window Size	25 mm x 18 mm
Image Size	24.4 mm x 16.3 mm
Resolution/Dimension	480 x 320 pixels, 500 DPI
Bit depth	8 bit, 256 gray levels
Raw fingerprint image file size	approx. 160 kByte
Fingerprint image size (WSQ-compressed)	approx. 18 kByte
Interface	USB 2.0 high-speed (with 1.8 meters standard USB cable)
Operating temperature	-10 to +55 °C (14 to 131 °F) at a humidity of 20 – 75 % non-condensing
Storage temperature	-10 to +60 °C (14 to 140 °F) at a humidity of 10 – 90 % non-condensing
Light source	Infrared light-emitting diode (LED)
Supply voltage	DC 4.5 – 5.5 Volt via USB port
Maximum current consumption	230 mA

All data subject to modification due to ongoing technical innovations.

More information:



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