

**SY-780/A**



**combine security with  
attendance management**





## why biometrics?

Biometric authentication measures the unique, invariable biological characteristics of an individual. Biometric technology can be used to protect confidential data, which provides security and convenience. During enrollment, biometric information is captured and translated into a template that is stored for subsequent authentication. The template can be stored in a database on a server, or any other appropriate environment. During authentication, the biometric information is captured and compared against the stored template. If the two images match, then the user is valid and authentication is achieved. Biometrics eliminates the practice of "buddy punching" and ensures that all attendance procedures are personal and private. One of the most common methods of biometric technology today is fingerprint verification.



## why fingerprint?

Fingerprint identification is the method by which impressions are made of the minute ridge formations and patterns found on the fingertips. **No two persons have exactly the same arrangement of patterns, and the patterns of any one individual remain unchanged throughout life. Furthermore, while other personal characteristics may change, fingerprints do not.**

Thus, fingerprints offer an infallible means of personal identification. This highly reliable method is used whenever additional security and personal authentication is required. In addition, this type of identification enhances new or existing time and attendance systems.

The advantages of the fingerprint method are:

- fast and accurate time & attendance control for small to mid-size companies
- improved employee attendance and payroll accuracy - employee's presence is essential
- fast and easy to use by employees - no supervision needed
- verification is achieved in less than one second
- "buddy punching" is eliminated
- eliminates time cards
- small physical size of unit enables easy integration into T&A system



## why Synel?

Synel has over 20 years of experience in the field of time and attendance, with a network of over 30 distributors world wide, who form a reliable source of technical support and services.

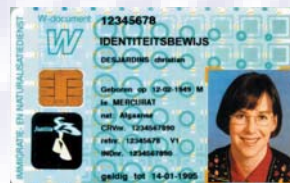
Synel's SY-780/A terminal is designed for effective time & attendance monitoring, shop floor production control, job costing, and access control applications. In addition, the SY-780/A offers four options of access input: fingerprint verification, magnetic card, barcode, PIN and proximity readers. The SY-780/A communicates in real time with other databases using TCP/IP or UDP protocols using the SY-Server. The terminal provides online system management of employee reports, as well as communication of current data to employees.

### Privacy

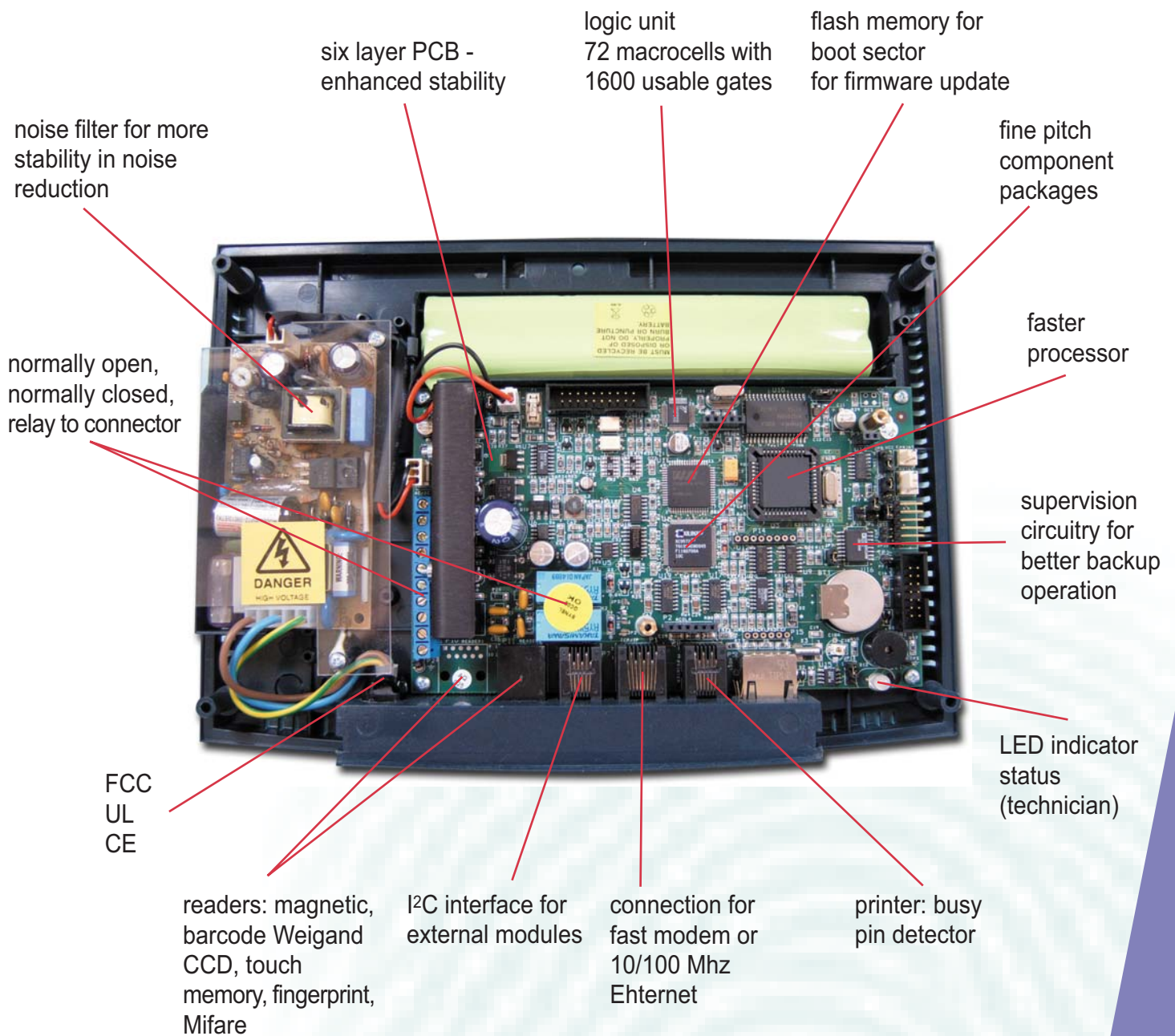
Synel's system and module have the option of ensuring employees' privacy at all times, by storing the template on the employee's personal card, and not in an organizational database.

This ensures a fast verification process, as well as an unlimited amount of users per system.

Synel's system is suitable for both contact and contactless interface technologies.



# advanced features in main board





# installations

Thousands of SY780/A units have been installed in hundreds of locations worldwide. Synel's global network of distributors ensures comprehensive and reliable technical support. Worldwide installations of the SY-780/A terminal include:

## United Kingdom

Blick UK Plc., Westminster Council, Smith & Ouzman, Walsall Pressing, Friday's, Hyperama, Monument Tools, White Light, S&B Clothing.

## North America

Woodbine Tool and Die, Novocol Pharmaceuticals, Multiple Pakfold

## Turkey

NATO/VBR

## Russia

Sheremetev-Kargo, Moscow

## Hong Kong

Sociedade de Lotarias e Apostas Mutuas de Macau, Lda. [www.macau-slot.com](http://www.macau-slot.com)

## Uruguay

The National Institute of Traumatology, the National Court Clerk Association, MontePaz Cigarette Industrial Company, and Model Market (the biggest wholesale market in Uruguay)

## Mexico

Technological University of Tlaxcala, Flex Touch Industries, UNAM, PET/CICLOTRON laboratories, Autos Santa Fe, Otto Viajes, Growtec, Food Industries SAM, Centros de Integración Juvenil, Probst laboratories

## Israel

Israel Refineries, ELDAN car rental, Bar Ilan University, Olive software house, E.C.Tel, Meuhedet healthcare Services, Yediot - Israel's largest daily newspaper, Delta information systems, General Engineering, Phoenix Insurance, Tiv Ta'am food chain, Technion - Israel Institution for Technology

- ✓ Healthcare
- ✓ Police and military
- ✓ Airports and border checkpoints
- ✓ Retail
- ✓ Higher education
- ✓ Financial institutions
- ✓ Sports and entertainment venues

## SY-780/A versions

	Verification			Identification	
	200	1000	4000	200	1000
<b>SY-780/A V200</b>	✓				
<b>SY-780/A V1000</b>		✓			
<b>SY-780/A V4000</b>			✓		
<b>SY-780/A I200</b>				✓	
<b>SY-780/A I1000</b>					✓

Verification: Integrated with magnetic, smart card, proximity and barcode readers



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