



Product Catalogue

21st Century Locks, Ltd.
7865 Cobdon Ave
Westerville, OH 43081
Phone: (614) 209-9364
Fax: (614) 987-0970
Email: rob.van.gils@21stcenturylocks.com
<http://www.21stcenturylocks.com>



iDLink II

Fingerprint Physical Access Solutions



Specifications

Descriptions	Specifications
Fingerprint Sensor	Type: Semiconductor sensor, capacitive field detection Active sensor area: 18mm x 12.8mm Resolution: 360 x 256 pixels, 508DPI
Enrollment time	< 1.0 seconds
Identification time	< 2.2 seconds
Verification time	< 1.1 seconds
False Acceptance Rate (FAR)	< 0.0001%
False Rejection Rate (FRR)	< 1%
Number of fingerprint templates	800 maximum
Access records	10911 Maximum,
Operating voltage	12V nominal, 8V min, 18V max
Operating temperature	0 ~ 55 degree celsius
Communication	RS-232, RS-485, LAN (optional)
Real-time clock back-up battery	8 hours minimum
Dimensions	H = 133mm, W = 140mm, D = 53mm
Weight	308g (0.341lb)
Controller input/output	4 TTL-compatible inputs of which 2xOutput relays, normal open/normal close selection, 30Vdc, 2A 2xOpen collector outputs, 30Vdc, 300mA, 150mW max

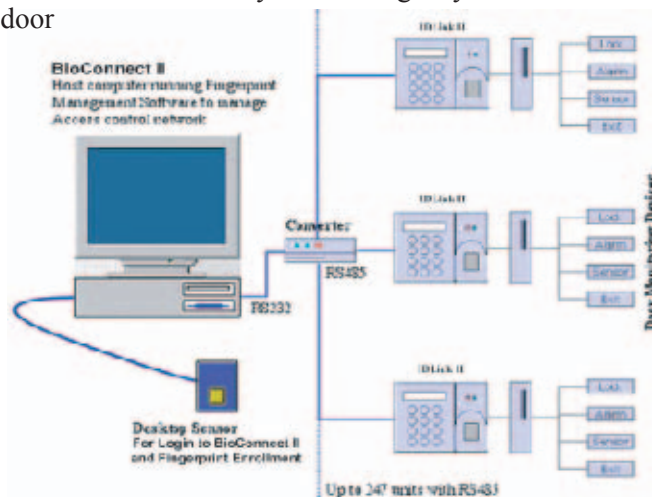
For further information, please contact:
21st Century Locks, Ltd.

Tel: 1-614-209-9364 Email: service@21stcenturylocks.com www.21stcenturylocks.com

IDLink II is fingerprint technology at its best with convenient user verification through a single touch of the finger. There is no requirement to key-in pin numbers as a search capability is already in-built into the system. The product can be networked and linked to a computer using serial or RS485 communication. The enrollment process is carried out either on a separate fingerprint sensor linked to the PC or on the IDLink II unit itself. A comprehensive communication software BioConnect II is used to link all IDLink units on to the network. The entire unit is small and compact in dimension. A hotkey feature is also available for Emergency by-pass. Total Quality Management is assured on all IDLink products. This ensures minimal post-maintenance support after installation.

Unique features

- Supports Identification (1:N) and Verification (1:1)
- Group matching to speed up identification
- Three door operation modes: Open, Normal & High security
- Sixteen time zones settings for each user
- Auto threshold setting technique to optimize matching result
- Easy installation with direct connection to most door accessories
- PC host software provides centralized fingerprint enrollment
- PC host software support network of up to 247 terminals
- Secure com-key to protect unauthorized access to the network
- User-defined hotkey as contingency means to access door



iDLink III

Physical Access Solutions

www.idlinksystems.com



With its highly compact size and cool design, IDLink III is ideally suited for home, condominium environments or even corporate environments due to its latest sleek and state-of-the-art design. The device comes complete with a door bell button and includes a controller to trigger alarms, a door exit button and various other standard I/Os as described below. The device is fully networkable through RS485 configurations using a networking management software - BioConnect III. The Fingerprint sensor is also provided with good antistatic capacity of up to 18K V. The sensor has a specially treated surface preventing scratches and latent prints. Ultimately the device provides quick-response and low power-consumption. It is well priced and small in size (81mm x 146mm x 18mm) with all functions of the common door-lock, easy to apply and install.



For Further Information, Please
Contact: IDLink Systems Pte Ltd
Tel: +65 6288 6919
Fax: +65 6253 9953
Email: Sales@idlinksystems.com



Secure

The uniqueness of each person's finger provides true security. Unlike keys or cards, a person's finger can't be lost or stolen, ensuring that only the right people are granted access. Since security demands can vary widely from nuclear plants to health club, the IDLink III provides adjustable security thresholds at both the system and users level. The reader can be easily tuned to fit the exact security requirements of your particular application and users.

Convenient

What could be more convenient than one-touch access? With IDLink III, you no longer have to waste time and money administering lost or forgotten cards. Your finger is your "key". Enrollment is also fast and simple requiring only a single touch of your finger. Networking multiple IDLink III readers allows users to enroll conveniently at a central PC. The user's biometric information is sent to the other units automatically. Networking can be accomplished via the RS485 standard or by using optional low-cost Ethernet communications.

Simple

The IDLink III is so simple to use - with a touch of your finger, you're in. Simple to integrate, the IDLink III slips into any existing or planned access control system using RS485 protocol. You can also use the reader in a standalone mode to completely control and monitor a doorway. And the IDLink III low cost makes it truly simple to justify for almost any application.

Description	Specifications
Sensor	ST sensor with patented coating, 508 dpi image resolution
Size	W = 81mm, H = 146mm, D = 18mm
Weight	1.2Kg
Power	12V and 1Amp
Verification time	1 sec
Enrollment time	1 sec
Template size	256 bytes, typical
FAR/FRR specification	0.0001% FAR, 0.1% FRR
ID number	1 to 9 digits
Number of transaction records	8000 transactions
Communications	RS485, optional Ethernet
Baud rate	9600 to 56K bps
Number of user templates	160 standard, up to 3 fingerprints per user
Door controls/ Controller input	Relay output, Door bell input, alarm output REX button, Door status input
Operating temperature range	10-55 degree C
Display	English or Chinese language

* Design & specifications are subject to change without prior notice

IDLink III features includes:

- Support for lock output and door monitoring, including tamper switch
- Fully integrated contactless smart card options
- Standalone or networked operation
- Complete networking RS485 (standard); optional Ethernet available
- One-touch enrollment
- Centralised management software - BioConnect III

Access Controller NetFinger-3000™

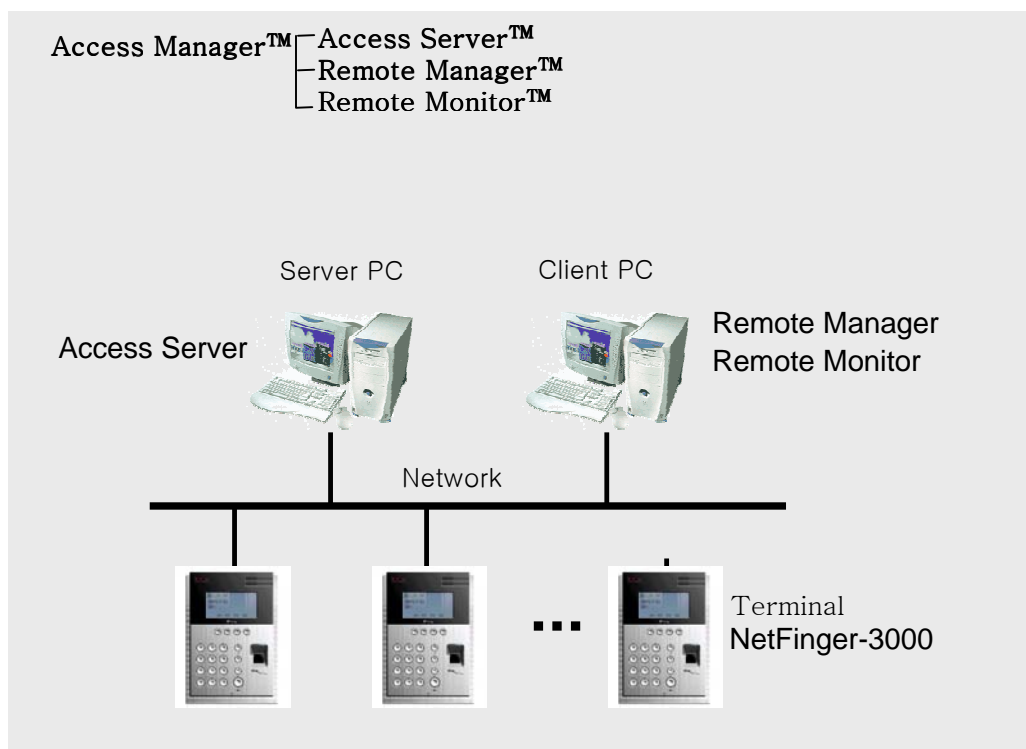
NetFinger-3000™ is an advanced product in which core technologies such as fingerprint recognition algorithm, optical sensors, embedded design technology, and software application technology are organically combined and optimized. In addition, unlike other other existing access control systems that use passwords or ID cards only, it is free from such risks as loss of password and abuse or duplication of card, providing excellent convenience and security. It is designed to maximize operational efficiency, enabling integrated monitoring and systematic management of terminals which have been operated independently on a remote location via the network.



■ Features

- Manage access of a large number of people.
- Easy remote control of terminals
- Combine several authentication types (fingerprint, password, and RF card).
- Real-time monitoring of access status
- High speed 1:N authentication is available
- Access control by period and time
- Enhanced user convenience (short ID /group ID authentication and Auto-on).
- Provide various additional features including user access lookup and interphone
- Control multiple access control terminals via the network

■ Management Software (Access Manager™)



Software	System requirements	Main Features
Access Sever™	<ol style="list-style-type: none"> 1. Windows 2000/XP/98SE/ME 2. Pentium III 500 or faster 3. 128 MB RAM or more 4. 5GB HDD space 5. DB : MDB 	<ol style="list-style-type: none"> 1. Terminal communication and log data collection 2. User information and log database 3. Performing authentication
Remote Manager™ / Remote Monitor™	<ol style="list-style-type: none"> 1. Windows 2000/XP/98SE/ME 2. Pentium II or faster 3. 64 MB RAM or more 4. 1GB HDD space 	<ol style="list-style-type: none"> 1. User registration and management 2. Terminal registration and management 3. Group Management 4. Monitoring terminal status and events 5. Monitoring system events 6. Downloading Logo/Firmware 7. System setting

■ Terminal Specifications

Section		Content
LCD Display	Size	128 * 64 Dots LCD
	Language	English, Korean, Chinese
Fingerprint Sensor	Type	Optical
	Resolution	500 DPI
	Additional	Auto on / Latent Image check
Authentication	Type	Fingerprint, Password and RF card (optional)
	Speed (FP)	1:1 mode: T < 1 sec. 1:N mode: Avg. 2.5sec(1,000FP , Server) Avg. 2sec (500FP, Terminal) Avg. 1sec (300FP, Terminal) * Pentium IV 1.GHz, 512MB RAM
	Algorithm	FRR: 0.1 % or less, FAR: 0.001 % or less
	Number of users to register	Server 5,000 users (2 fingerprints per 1 user) 10,000 users (1 fingerprint per 1 user) Terminal 2,000 users (2 fingerprints per 1 user) 4,000 users (1 fingerprint per 1 user)
Communication	TCP/IP	10 base-T Ethernet
	RS-232C	Max 115200 bps (optional)
	Wiegand	26 bit, 34 bit mode (output only) * ID length : 4digit
Server Connection	Terminal	Connection allowed up to 255 terminals
	Client	Simultaneous access up to 8 clients

Section		Content
Size	Case	135 (W)*45 (L)*202.5 (H) mm
	Bracket	102.4 (W)*26.6 (L)*157.5 (H) mm
Supported doors	Deadbolt / Strike / EM Lock / Auto door	
Power	Adaptor	Input: AC 100 V ~ 240 V, 50/60 Hz Output: DC 12 V, 3 A
Additional features	Interphone	MIC and Speaker included
	Voice instruction (English / Korean)	
	Alarm Buzzer	
	Downloading Logo / Firmware	
Option	Variable ID length (4 ~ 15 Digit)	
	UPS (2.9Ah)	RF Module (HID)
Temperature	Operating	-20℃ ~ 60℃ (With no icing or condensation)
	Storage	-25℃ ~ 65℃
Humidity	Operating	25% ~ 85% RH
	Storage	15% ~ 90% RH

For further information

Call : 1-614-209-9364

Fax : 1-614-987-0970

E-mail: service@21stcenturylocks.com

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Identix® Fingerscan™ V20 UA

Identix Fingerscan V20 UA physical access security solution provides a proven method to control, restrict and audit a user's physical access privileges, reducing the possibility of fraudulent access. From building entrances to corporate network resources, Universal Access extends the capabilities of biometric enrollment to provide a complete, networked solution.



Security:

Protect your physical assets and intellectual property with a solution. Industry proven and patented algorithms promote the highest confidence levels.

Manageability:

A dedicated template store and networking capabilities facilitate a single user enrollment for multiple V20 UA-protected entries, saving your organization time and money in enrollment and account management costs.

Flexibility:

Use the V20 UA as a standalone unit or as a complete, networked solution. As your organization and security needs grow, you can quickly and seamlessly add additional V20 UA modules to your network.

One Touch and You Are In

From corporate server rooms to hospital pharmacy closets, computer labs to airport operation areas and cockpits, Identix® Fingerscan™ V20 UA provides a secure solution for any organization needing to control and audit a user's physical access privileges. Reduce fraud associated with card-based solutions by providing a positive method of employee access and tracking.

Whether a single entrance, or an entire building and network, Universal Access enables quick and seamless additions to your security infrastructure. Through a single user enrollment you can control access to any V20 UA-protected entry, secure a user's workstation, and control who and how network resources are accessed. Universal Access leverages the security, integrity and scalability of Identix solutions to provide a complete networked solution.

With its powerful Intel®-based processor and advanced Identix BioEngine™ algorithms, Fingerscan V20 UA sets the standard for physical access security solutions. Easy to install and use, V20 UA can be configured to locally control and monitor a door or set to seamlessly integrate into existing access control systems.

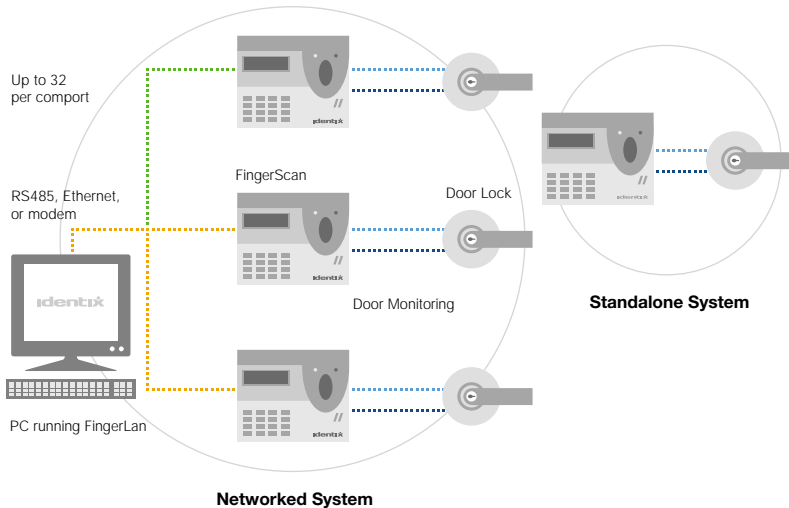
Identix Fingerlan™ IV advanced access control application extends the capabilities of your V20 UA node(s) with sophisticated node configuration and network monitoring capabilities. With Fingerlan IV, you can manage your V20 units, set up and manage user profiles, and perform transaction auditing from your PC.

Advantages

- **Universal Access:** With a single enrollment you can secure a user's access to any V20 UA-protected entry, secure a user's workstation and control who and how network resources are accessed. Centralized biometric credential management eases your administration costs.
- **Technology:** State-of-the-art extraction and matching algorithms provide an unsurpassed level of security and protect the integrity of your investment.
- **Integration:** Easy integration into existing card-based access control systems and communication protocols protects your security investment.

Features

- Support for lock output and door monitoring including tamper switch
- Integration into existing card reader systems using Wiegand protocol
- Fully-integrated proximity card options
- Standalone or networked operation
- Stores up to 32,000 templates locally
- Powerful Intel-based architecture for IT expandability
- Scheduled access restrictions; limit access by date and time
- Customizable security thresholds
- Easy integration into existing access control systems
- Patented and field-proven BioEngine™ technology
- Designed for IT connectivity and Universal Access
- Optional Fingerlan IV advanced access control application



Benefits

Authentication: V20 UA eliminates fraud associated with badge renting, badge lending and buddy punching. V20 UA denies unauthorized access immediately.

Authorization and Auditing: With V20 UA, you can set time and date restrictions and implement full or partial access policies. V20 UA provides a positive transaction log with the time and date of user access. You can use this log in the event of a security breach or to verify an employee's time and attendance.

Adjustable Security Thresholds: V20 UA allows you to set false acceptance (FAR) and false rejection (FRR) rates based on the security needs of your organization.

Networking Capabilities: Manage, configure and control an entire V20 UA network from a single location. Establish user access privileges, set security thresholds for each entrance and monitor and audit individual accounts.

Specifications

Dimensions: Length: 6-1/2", Width: 6-3/4", Depth: 3-1/2"

Enrollment Time: < 5 seconds

Verification Time: < 1 second

FAR/FRR: variable, configuration-dependent

Template Size: 512 bytes

Allowable Finger Rotation: +/- 18 degrees

Power: 12V DC, unregulated

Weight: 2 lbs.

Transaction Storage: 8000 (minimum buffering)

Communications: RS485, Wiegand, RS232; optional gateway-supported Ethernet or modem

Baud Rate: 9600 to 57,600 bps

Template Storage: 512 or optional 5,000 and 32,000 template memory

Door Controls: Lock output, tamper switch, 3 auxiliary outputs, 4 auxiliary inputs

Card Reader Input: Wiegand, proximity, magnetic stripe (serial), smart card (serial), barcode (serial)

Card Reader Emulation Output: Wiegand

Timezones: 30

Operating Temperature: -10 to 50 degrees Celsius

Display: 2 line, 16 characters

Options: User memory expansions: 5,000, and 32,000 templates, LCD display, integrated proximity card reader, dial up modem, Ethernet communications (10BASE-T), and Fingerlan IV



IDLink Systems Pte Ltd
Blk 7 Kallang Place #03-05
Singapore 339153
phone +65 6288-6919
facsimile +65 6253-9953

To Contact a Sales Representative:

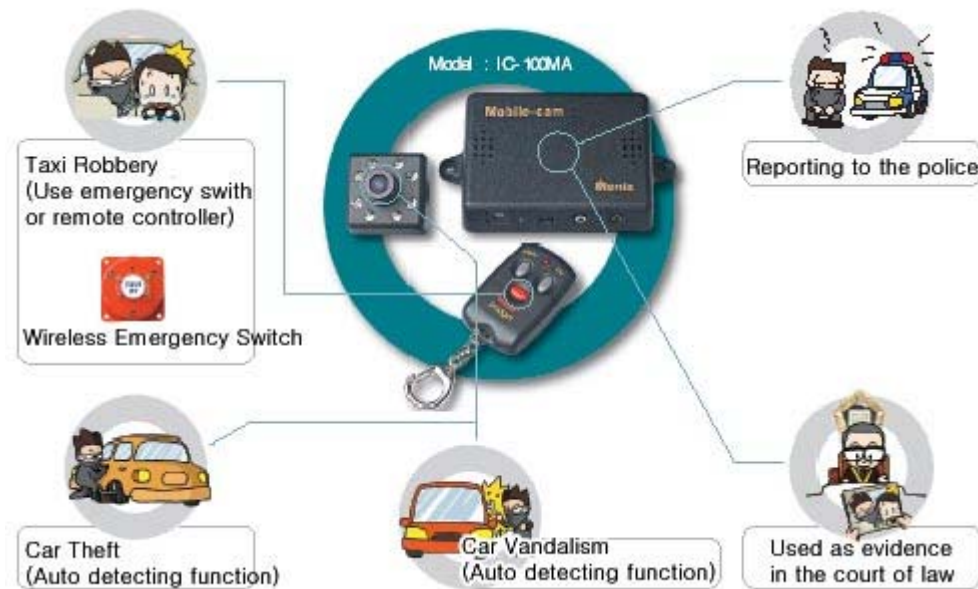
Call: +65 6288-6919

E-mail: sales@idlinksystems.com

www.idlinksystems.com

Product Number: PAC-V20-UA

The Cybereye-mobile cam is a security camera that can be installed inside a car to verify taxi robbery, car theft and vandalism. You can take the images of the taxi robber or criminal by pressing the emergency switch or using the auto detecting function. The recorded pictures of the criminal with a date and time stamp can be used as evidence by the police and in the court of law.



For Taxi Robbery

- Use emergency switch or remote controller to take the images of the taxi robber. :
Max. 8 pictures per pressing

For Car Theft/ Vandalism

- Activate and deactivate the camera with a remote controller.
- Takes pictures of criminal using the auto detecting function

CCTV Camera Function

- Image capture at night using IR LEDs
- Image capacity (EIA: 680 images, CCIR: 510 images)
- Automatic image capture when intrusion detected
- Image capture by wireless motion or door sensor
- "Delete All" or "Delete One" for the selected image
- Display of the recorded date, time and sequence

- Recording interval adjustable (1 to 59 seconds)
- Detection sensitivity adjustable (OFF, 1~7)
- Number of images taken adjustable (1~8)
- Overwriting mode selectable

Options



Installation



The camera can be installed near the rear view mirror, dashboard, etc. and a covert place like beneath seat for main unit, wireless siren (option) and wireless emergency switch (option).

Verifying Images



Simply connect to any TV or monitor and you can check the images.

Distributed by:
 21st Century Locks, Ltd.
 Columbus, OH
<http://www.21stcenturylocks.com>
 Phone: (614) 209.9364