enterprise Software Solutions Lab

Corporate Brochure

eSSL

Technology Development Company

Awarded by

2007 FROST & SULLIVAN
Market Strategy Leadership Award
Electronic Access Control Systems(India)

Customer Solutions

Time & Attendance Solutions

eSSL Time & Attendance Management solutions are built on well proven Client / Server or Web based technology integrated with Biometric (Fingerprint/Face/Palm) and Smart card readers which help you in managing attendance of all your employees who are spread across various locations, branches & departments.

Access Control Systems

eSSL IP Linked access control system offers the simplest solution to restrict access to certain buildings, or areas within buildings beyond the traditional lock-and-key mechanism. Our devices such as finger print, palm, iris and face readers integrated with smart card readers bring you the highest level of security & accuracy.

Visitor Management System

eSSL Client / Server Visitor Management software is designed to facilitate the organization in doing away with the manual process of filling up of visitor passes. Computer generated passes are instead printed on to a self adhesive sticker, which can be easily displayed on the garment of the visitor.

Security Cameras & Video Surveillance CCTV Systems

eSSL security surveillance systems offer excellent remote surveillance functionality for better monitoring. We offer a complete range of surveillance cameras that include indoor security cameras, infrared surveillance day/night cameras, and vandal proof security cameras designed to withstand abuse.

Canteen Management System

eSSL Biometric-fingerprint/Smart card based user friendly canteen management system can authenticate the employees, print coupons realtime and sends data to the server. This enables easy and quick access to the canteen reports.

Custom Applications

Our technical team specializes in the development of custom software products, client/server enterprise solutions and embedded applications. Our in-depth engineering strength enables us to systematically present cutting-edge products. We innovate at every phase to make sure that the products you get are of a leading edge.

About Us

enterprise Software Solutions Lab has its headquarters in India's leading software center, Bangalore - The location chosen by several leading multi-national firms. Today, eSSL is a well reputed software development company with excellent track record and several years of industry experience. We are recognized IT experts in the se lected application domains and make every effort to advance in our skills.

Our Mission

As an industrial software laboratory, our key focus is to work closely with every business from large to small corporations and govt. based cooperatives worldwide in our efforts to bring responsibly produced products & services to a global marketplace.

Quality Target

We offer high quality products and professional services to our customers. We constantly measure our customer satisfaction index to fullfil our endevour in providing perfect service management system.

Core Technology

From its inception, eSSL is R&D centric. We strongly believe that without proper R&D, a products cannot reach its ultimate milestone - the maximum spectrum of user base.

We are designing innovative solutions for Corporate needs of today and tomorrow. We pursue research in technologies that we believe will drive changes in computing over the next decade.

Enterprise Value

Proper organizational structure aided with quality process and a group of highly qualified professionals along with a good customer value index makes us an enterprise of great value.

Technology
@eSSL

Fingerprint Technology

With a combination of fast algorithms and high reliability, eSSL's fingerprint technology has been used in various applications such as time & attendance control systems, access control systems, computer security, banking, canteen-management, Club membembership applications, among others. Till date, eSSL has launched more than 40 reliable products using its advanced Fingerprint identification technology

Palm/Vein Recognition

Our Palm/Vein recognition technology is the result of over 20 years of research into image recognition and processing technology. It is a contactless, hygienic, non-invasive system which is fast, accurate, and easy to use. Simply hold your palm a few centimeters over a small scanner, and within a second the scanner captures a near-infrared image of your unique vein pattern. Our algorithm converts this image into a digitized template, and then matches it against a database of pre-registered templates.

RFID Smart Card Technology

Our RFID Smart card technology based products are used in many applications to automatically identify objects or people for attendance/access/membership and tagging goods for inventory control.

Face Recognition

With Vast experience in the field biometric-fingerprint technology, we have diversified our research and development into face recognition technology. The outcome is a unique range of standalone face recognition products which are truly contactless and works with one-to-many verification method. It can scan & verify a face in less than a second.

Advanced CCTV , DVR & Video Door Phones

The world of video surveillance is moving toward the IP network. eSSL's IP Network Camera can be defined as a camera with networking and video processing combined into one unit. A network camera has its own IP Address and the computing functions necessary to handle network communications. It captures and transmits live images over the network, enabling remote viewing and user control from anywhere, anytime.

Web based Client/Server Technology

eSSL specializes in providing Web based client server technology enabled products to makesure that data is available on a central server at any point of time over the internet. Customers can browse through online portal for viewing/managing of live data and generation of reports.

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- Scans upto 10,000 FP in less than 2 Sec
- Auto Push Data Service on Internet/GPRS
- Inbuilt 5 Hrs Battery Backup
- WiFi/GPRS/CDMA enabled
- Web Camera

IClock 990

Standalone IP based TFT - Fingerprint Time Attendance & Access Control Terminal

Technical Specification

Users: 3000/10000 Fingerprints

Transaction: 50,000/80,000 Logs

CPU: 32bit High End Microprocessor

Sensor: 500 dpi Optical Sensor / Secugen Sensor (Optional)

Identification speed: <=2 Sec

FAR: <=0.0001%

FRR: <=1%

Card Reader: Inbuilt Prox card reader

Access control: 50 time zones, 5 group, 10 time combination

Wiegand I/O: 26 bit

Battery: Inbuilt 5 hrs Battery backup

Communication: RS232, RS485, TCP/IP

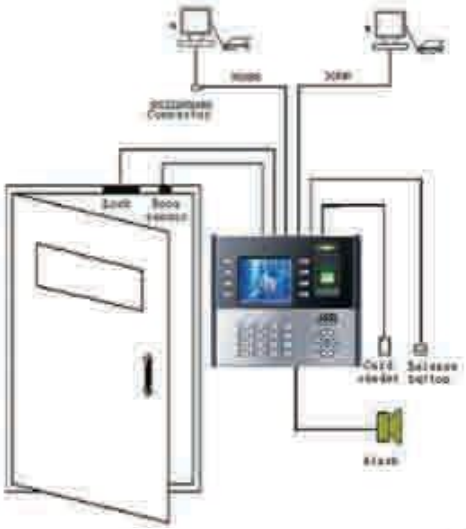
USB-HOST & Client 2.0 Port

Operation temperature: 0°C - 45°C

Operation Humidity: 20-80%

Power: 12V DC, 400mA

Optional Functions: Web server, WiFi, GPRS, CDMA, Antipass, Mifare/HID card reader



Security at Fingertips

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- Auto Push Data Service on Internet/GPRS
- Inbuilt 5 Hrs Battery Backup
- WiFi/GPRS/CDMA enabled

X 990

Standalone IP based - Fingerprint Time Attendance / Access Control Terminal

Technical Specification

Users: 3000 Fingerprints

Transaction: 1,00,000 Logs

CPU: 32bit Microprocessor

Sensor: 500 dpi Optical Sensor

Identification speed: <=2 Sec

FAR: <=0.0001%

FRR: <=1%

Card Reader: Inbuilt Prox card reader

Wiegand I/O: 26 bit (optional)

Battery: Inbuilt 5 hrs Battery backup

Communication: RS232, RS485, TCP/IP

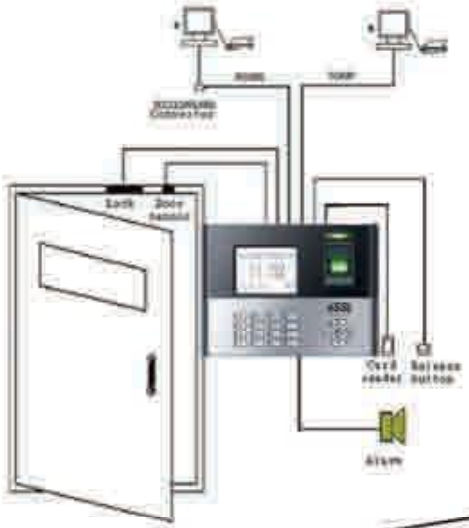
USB-HOST & Client 2.0 Port

Operation temperature: 0°C - 45°C

Operation Humidity: 20-80%

Power: 12V DC, 400mA

Optional Functions: Web server, WiFi, GPRS, CDMA, Mifare/HID card reader



Security at Fingertips

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FTA 6161 T

Standalone IP based

Fingerprint Attendance System

Technical Specification

Users: 3000 Fingerprints

Transaction: 1,00,000 Logs

CPU: 32bit Microprocessor

Sensor: 500 dpi Optical Sensor

Identification speed: <=2 Sec

FAR: <=0.0001%

FRR: <=1%

Communication: RS232, RS485, TCP/IP

Operation temperature: 0°C - 45°C

Operation Humidity: 20-80%

Power: 5V DC, 400mA

Optional Functions: Prox card reader

Security at Fingertips

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FTA S20

Standalone IP based TFT Fingerprint Attendance System

Technical Specification

Users: 3000 Fingerprints

Transaction: 1,00,000 Logs

CPU: 32bit Microprocessor

Sensor: 500 dpi Optical Sensor

Identification speed: <=2 Sec

FAR: <=0.0001%

FRR: <=1%

Card Reader: Inbuilt Prox card reader

Communication: RS232, RS485, TCP/IP

USB-HOST 2.0 Port

Operation temperature: 0°C - 45°C

Operation Humidity: 20-80%

Power: 5V DC, 400mA

Optional Functions: Mifare/HID card reader

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IP Based Standalone RFID Time & Attendance Terminal

Technical Specification

K200

Users: 30,000 Cards

Transaction: 50,000 Logs

CPU: 32bit Microprocessor

Identification speed: <=1 Sec

Read range: 8 - 10 cms

Communication: RS232, RS485, TCP/IP

Dimension: 190 mm * 136 mm * 36 mm

USB-HOST 2.0 Port (Optional)

Operation temperature: 0°C - 45°C

Operation Humidity: 20-80%

Power: 5V DC, 400mA

Optional Functions: Mifare/HID card reader

S200

Users: 30,000 Cards

Transaction: 50,000 Logs

CPU: 32bit Microprocessor

Identification speed: <=1 Sec

Read range: 8 - 10 cms

Communication: RS232, RS485, TCP/IP

Dimension: 180 mm * 125 mm * 55 mm

USB-HOST 2.0 Port (Optional)

Operation temperature: 0°C - 45°C

Operation Humidity: 20-80%

Power: 5V DC, 400mA

Optional Functions: Mifare/HID card reader

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IP Based Standalone RFID Access Control Terminal + Reader

SCR100 & SC405 are professional access control terminals, specially designed for the international high terminal access control market to substitute multi door controller concept.

Our SC Series products are the next evolution in access control hardware solutions. A true IP solution that meets the demands of open architecture, IP-centric environments. They provide fully distributed intelligence and decision making right to the door, leveraging the IT infrastructure to the maximum extent possible.

Features

* IP Based Standalone networkable Machine
* Universal standard Weigand INPUT/OUPUT options
* Inbuilt relay to communicate with Locks, Alarms & Door Sensors
* Built in optional embeded web server to access data

SCR 100

(No LCD & Keypad)

153 mm * 95.5 mm * 35.5 mm

SC 405

(With LCD & Keypad)

129 mm * 100 mm * 40 mm

Technical Specification

Users: 30,000 Cards

Transaction: 50,000 Logs

CPU: 32bit Microprocessor

Identification speed: <=1 Sec

Read range: 8 - 10 cms

Communication: RS232, RS485, TCP/IP

Wiegand I/O: 26 bit

USB-HOST 2.0 Port

Operation temperature: 0°C - 45°C

Operation Humidity: 20-80%

Power: 12V DC, 400mA

Access control: 50 time zones, 5 group, 10 time combination

Optional Functions: Web server, Work code, Antipass, ID/Mifare/HID card reader

Security at Fingertips

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FBAC 603

Standalone IP based Fingerprint Access Control

SR 100

Fingerprint Exit Sensor

Technical Specification

Users: 1500 Fingerprints

Transaction: 50,000 Logs

CPU: 32bit Microprocessor

Sensor: 500 dpi Optical Sensor

Identification speed: <=2 Sec

FAR: <=0.0001%

FRR: <=1%

Card Reader: Inbuilt Prox card reader

Dimension: 140 mm * 117 mm * 38 mm

Access control: 50 time zones, 5 group, 10 time combination

Communication: RS232, RS485, TCP/IP, Wiegand I/O (26 bit)

USB 2.0 Port

Operation temperature: 0°C - 45°C

Operation Humidity: 20-80%

Power: 12V DC, 400mA

Optional Functions: Web server, work code, Antipass, Mifare/HID card reader

SR 100

Dimension: 129 mm * 70 mm * 35 mm

Communication: RS232, USB with Wiegand output

Operation temperature: 0°C - 45°C

Operation Humidity: 20-80%

Optional Functions: Antipass, Prox/Mifare/HID card reader

Security at Fingertips

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Technology development company

FBAC 9

Standalone IP based Fingerprint Access Control

Technical Specification

Users: 1500 Fingerprints

Transaction: 50,000 Logs

CPU: 32bit Microprocessor

Sensor: 500 dpi Optical Sensor / UPEK Sensor (Optional)

Identification speed: <=2 Sec

FAR: <=0.0001%

FRR: <=1%

Card Reader: Inbuilt Prox card reader

Dimension: 195 mm * 95 mm * 45 mm

Access control: 50 time zones, 5 group, 10 time combination

Communication: RS232, RS485, TCP/IP, Wiegand I/O (26 bit)

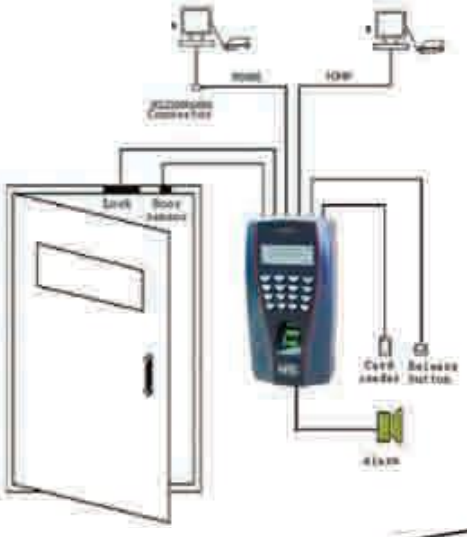
USB-HOST 2.0 Port

Operation temperature: 0°C - 45°C

Operation Humidity: 20-80%

Power: 12V DC, 400mA

Optional Functions: Web server, Work code, Antipass, Mifare/HID card reader



Security at Fingertips

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Fingerprint Lock / RFID Hotel or Residential Lock

Technical Specification

L5000/7000 - Fingerprint Lock

Users: 500 Fingerprint, Password 100, ID 500

Transaction: 30,000 Logs

Password Lenght: 6-10 Digits

Identification speed: <=1.5 Sec

Communication: RS232

Colors: Golden/Silver

Card Reader: MIFARE

Operation temperature: 0°C - 45°C

Operation Humidity: 20-80%

Power: 4 - AA Alkaline battery

H 3000 - RFID Hotel or Residential Lock

Card: RF card or MIFARE card

Body: Strong steel Body

Latch: Anti-pick latch and 2 pieces of anti-friction latches

Superb reliability and Low running cost: Low power consumption

High reliability and low maintenance help to keep the running costs low

Mechanical key: The separate emergency mechanical structure will allow the unlocking.

Keycards Types

- Master Card: can unlock all the locks
- Building Card: Can unlock the locks belonging to corresponding building
- Floor Card: Can unlock the locks belonging to corresponding floor
- Guest Card: For the guest to open the room he/she lodges in within the specific period of time.

Software: Hotel Management Software

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Vein 0009 - Palm-Vein recognition

Contactless Palm Vein Pattern Biometric Authentication

Biometrics for Everyone

- World's most advanced Biometric Authentication system
- Contactless, Highly Accurate
- Fast, Simple, Versatile
- Ideal for Mass Application

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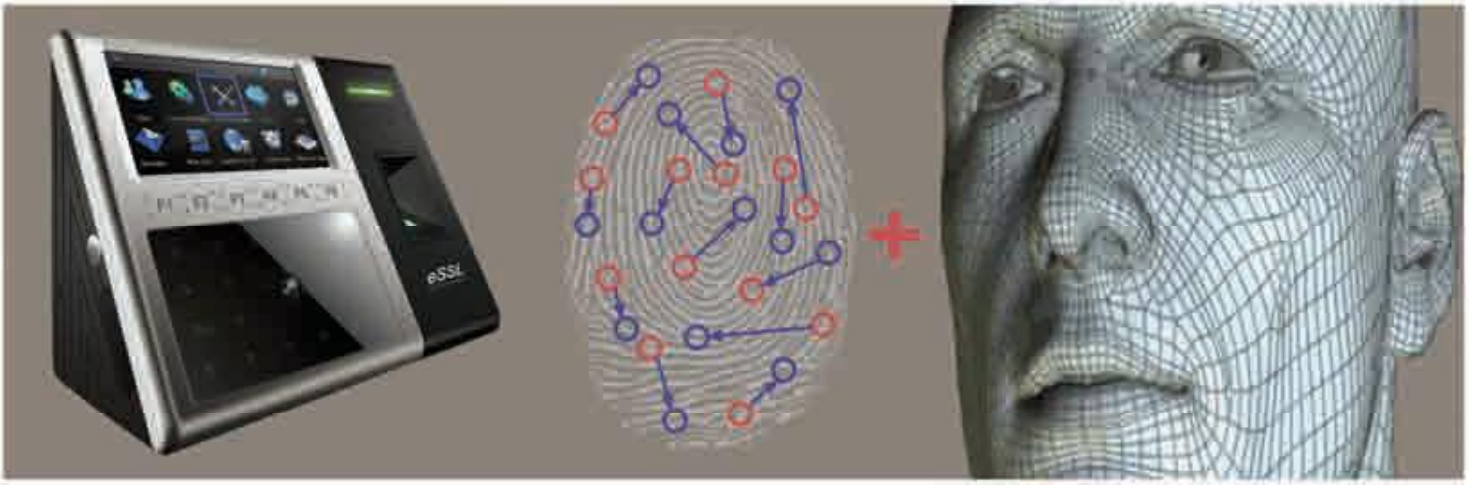
iFace 306 - Face + Fingerprint based Time & Attendance/Access Control Terminal



Technical Specification

Users: 700 Face, 5000 Fingerprints

Transaction: 1,00,000 Logs

CPU: 32bit Microprocessor

Camera: High Definition Infrared Camera

Sensor: 500 dpi Optical Sensor

Dimension: 193.6 mm * 165.2 mm * 86 mm

Identification speed: <=2 Sec

FAR: <=0.0001%

FRR: <=1%

Communication: RS232, RS485, TCP/IP

Battery Backup: 5 Hrs (Optional)

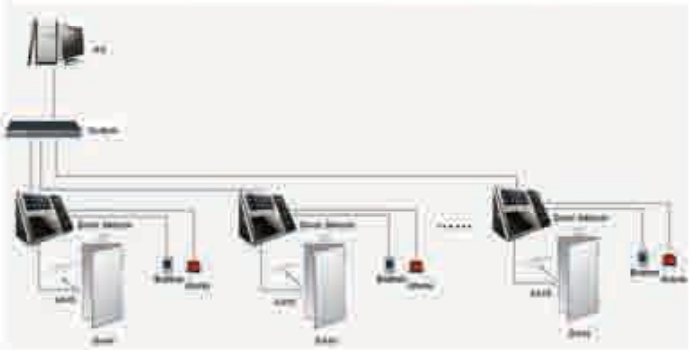
Operation temperature: 0°C - 45°C

Operation Humidity: 20-80%

Power: 12V DC, 3A

Optional Functions: Prox/MIFARE/HID card reader, GPRS, Wifi

Identifies below images with high effeciency



Security at Fingertips

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Titania CCTV Series

Model: DM 839

1/3" CCD, 600 TVL
0.0001 Lux
Super Backlight Com - pensastion, 3 Axis
Distance: 10M

Model: DM 804A1

1/3" CCD
420 TVL
Distance: 10M

Model: DM 4510

Speed Dome, PTZ
1/4" CCD,500/570 TVL
10X optical zoom
10X digital Samsung Zoom camera
0.7/0.07 Lux

Model: E2006 SNA

1/3" SONY CCD
Sony DSP, 420 TVL
LED: 12 PCS
Distance: 10M
With Audio

Model: E668III

1/3" SONY CCD
420 TVL
IR LED
Distance: 10M

Model: EPC-H202

1/3" Sony Super HAD II CCD Sensor
Day and Night Monitoring with Optional Auto Iris Lens, H.264 Base Line encoder, Max D1 resolution
Simultaneous Dual-Stream Support
3G Mobile Video Support
Built-in Microphone and Speaker Port
RS-485 for PIT Enclosure Connection
Digital I/O Support for Sensors and Alarms, Motion Detection Recording with Email Alert

Model: ZH 1420 A

1/3" Sony Super HAD II CCD, 420 TVL
Distance: 50M

Model: ZH 616 ASN

1/3"Sony Super HADII CCD, Sony DSP
420 TVL
LED: 24 PCS
Distance: 30M

Model: 810

1/3" Pixim DPS sensor
520 TVL
LED: 36 PCS
Distance: 15M
Good for Number plate detection

Security at Fingertips

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H.264 Intelligent Hybrid DVR

Key Features

1) The latest H.264 compression
2) Supports complex streaming encode, recording, playback, net transfer, backup, wireless monitor and DVR running simultaneously
3) Supports VGA and 1channel BNC video output
4) High definition VGA output up to 1366*768@60fps
5) Supports two-way radio
6) Supports digital zoom function in playback and live view
7) Supports different PTZ protocols, and preset tour function etc
8) Supports maximum 2TB SATA HDD*1; 9016 can support 2HDD
9) Supports 4/8/16ch playback simultaneously
10) Supports Multi-Client software for DVR groups management
11) Supports Mobile phone monitoring function (Iphone/Blackberry/ Android/Windows/Symbian)
12) Supports HDMI output (9016)
13) Supports full SDK files

Module		9004	9008	9016
System	User interface	Graphic User Interface(OSD Menu)		
Video	Video in	4 channels	8 channels	16 channels
	Video out	1 composite video output		1 composite video output 1 video loop output 1 HDMI output(Optional)
	Display	1/4 optional	1/4/9 optional	1/4/9/16 optional
	Video standard	PAL 25f/s CCIR625,NTSC 30 f/s CCIR525		
	Loop out	N/A	N/A	Support
Audio	Audio in/out	4 in, 1 out	8 in, 1 out	16 in, 1 out, two-way radio
	Audio compress	ADPCM		
Image & storage	Video Compress	H.264, VBR/CBR		
	Image quality	CIF/HD1/D1(Optional)		
	Resolution	4 D1 record & 4CH playback	8 CIF record & 8CH playback 8 HD1 record & 8CH playback 2 D1 + 6 CIF record & 1CH playback	16 CIF record & 16CH playback 16 HD1 record & 16CH playback 4 D1 + 12 CIF record & 1CH playback
	Video Bit Rate	CIF: 384~768 Kbps (Optional) HD1: 512~1024 Kbps(Optional) D1: 512~1024 Kbps (Optional)		
	Audio Bit Rate	32Kbps		
	Storage	4 & 8 CH support 1~2 SATA HDD up to 2TB		2 SATA HDD for 16 channels up to 4TB
Alarm	Alarm in	4 Alarm in,	8 Alarm in,	16 Alarm in;
	Alarm out	1 out(optional)	1 out(optional)	2 out(optional)
COM	Serial	RS485		
	Lan	1 RJ45, 10M/100M		
VGA	VGA output	1024 * 768@60fps, 1280 * 720@60fps, 1280 * 1024@60fps, 1440 * 900@60fps, 1366 * 768@60fps,		
Operation temperature		-10——60℃		
Operation humidity		10% ~ 90%		
Power input		DC: 12V@3A		DC: 12V@5A
Power consumption		6W(without HDD & other)		
Dimension (mm)		B/D/K: 300mm(W)x240mm(D)x60mm (H) E: 405mm(W)x312mm(D)x64mm (H)		E: 405mm(W)x312mm(D) x64mm(H)
Weights		2.5KG		5KG

Rear Interface:

1. DC +12V/5A in
2. RJ45
3. VGA output
4. Audio in
5. Audio out ; Video out
6. Video in
7. Alarm in/out, GND, +12V, RS-485A, RS-485B
8. GND

1. GND
2. RJ45
3. Voice output
4. Voice input
5. Alarm in/out, GND, +12V, RS-485A, RS-485B
6. VGA output
7. HDMI output
8. Audio in
9. Audio out
10. Video out
11. Video in
12. Power switch
13. DC +12V/5A in

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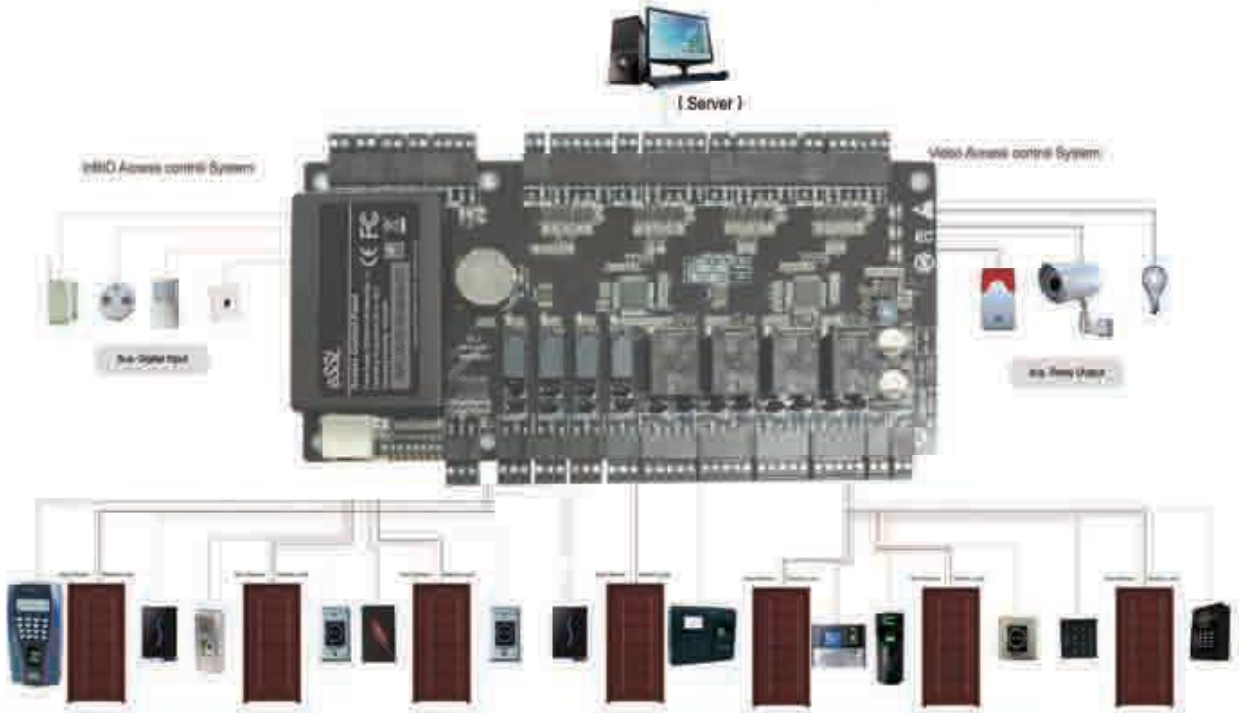
Adavanced Multidoor Access Control System



Features:

*** SD card data backup**

If the system fails, the administrator can use the backup data in the SD card to recover the system.

*** Multiple hardware protection measure**

There are over-current protection, over-voltage protection, reversal protection for the power supply and all the input and output terminal.

*** Integration with Other Security Systems**

C3-400 can be integrated with other security systems such as CCTV, fire alarm, BAS(building automation system) and other systems to configure total security system.

*** Supports different Wiegand reader**

The controller support different wiegand format, and can connect to different reader, including ID card reader, Mifare card reader and HID reader etc.

*** Input/Output Ports to Control Doors**

connect with variety of sensors, alarms, exit buttons, electric lock and other devices.

*** Variety of Communication Function**

Using either serial or TCP/IP communication, it provides reliable network system

*** Normal open after first punch card can be setup**

*** Real-time Monitoring of Door status**

Using the management softwere, it allows real-time monitoring and control of door opening and closing of the whole system.

*** Simple Access Control System Configuration**

*** Interlock function**

Link different doors with special logic that one door is Open, others should be closed.

*** Multi-card operation**

This function is used to manage visitors or to manage some special high secure place. The doors are opened when appointed number registered cards are read together.

*** Anti-Passback**

*** Duress Mode**

Specifications:

Model	C3-400
CPU	32bit MIPS CPU
RAM	32M bits
Flash Memory	256M bits
User	30,000
Event Buffer	100,000
Power / Current	DC 9.6V-14.4V, Rated Max 1A
Reader Port	4ea (26bit Wiegand, 8bit for PIN)
Communication	RS485, TCP/IP
Baud Rate	38,400bps (Recommended) / 9600bps, 19,200bps, 57,600bps (selectable)
Input Port	12ea (Exit Button#1, Exit Button#2, Button#3, Button#4, Door Sensor#1, Door Sensor#2, Door Sensor#3, Door Sensor#4, Aux#1, Aux#2, Aux#3, Aux#4)
Output Port	4ea (4 FORM-C Relay Output, SPDT, 5A@36VDC/8A@30VAC) 4ea (4 Aux FORM-C Relay Output, SPDT 2A@30VDC)
LED Indicator	Yes, LED indication for communication, power status and punch card
Operating Temperature	0°to +55°C
Operating Humidity	10% to 80% relative humidity non-condensing
Dimension (mm)	218(W)*106(H)(single board) 345(W)*275(H)*70(D)(with power supply and metal box)
Certification	CE, FCC

CE FC

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4 Slap/ 2 Slap Fingerprint Live Scanner

The eSSL Live fingerprint scanner is a high precision, full fingerprint capturing device. It captures a full image as the finger is rolled on the scanning window. The captured digital image is instantly transferred via the plug and play USB interface to a host PC. The USB interface also provides power for the scanner. It has strong performance for wet fingers by advanced optical technology.

e-4S

e-2S

Applications

Law enforcement . e-Passport application . Civil ID programs (UID)

Voting system . Border control . AFIS application

e-4S - Key Features and Benefits

- Rapid and high quality fingerprint capture
- image quality complies with FBI's IAFIS Appendix F specs
- FBI certified for civil ID identification flats
- Ultra lightweight for easy carrying and mobile deployment
- Intuitive system, no training required to operate
- Supports Windows 2003/XP Professional/Vista/Linux
- Lighted platen power status indicator for visible operation
- Optional segmentation of flats into discrete single image
- Auto capture capability of left and right 4 fingers and both thumbs
- Plug and play USB 2.0 interface for PC connection and power
- CE, UL, FCC, FBI Appendix F IQS certification compliant

Specifications

- Capture area 3.2" x 3.0" single platen
- 500 dpi resolution
- USB 2.0 interface full speed
- Operating temperature 5°C to 50°C
- Humidity range 10% to 90% non-condensing
- Dimensions 4.9" x 5.9" x 4.6"
- Weight 4.0 lbs (1.8 kg)

e-2S - Key Features and Benefits

- Single flats/rolls, dual flats, High quality capturing
- USB 2.0 interface for data transfer
- Easy to mount footprint design for desks
- SupportsWindows XP/Vista/7/Linux
- FBI certification for civil ID and AFIS application

Specifications

- Capture Area: 40x40mm
- Resolution: 500dpi, 256 gray
- Power Supply: DC 5volts, supplied via USB
- Image Quality Standards: FBI Appendix F
- Operating Temperature: -20°C~50°C
- Humidity Range: 10%~90%, non-condensing
- Dimension: 5.5"(L)x4.7'(W)x3.0"(D)
-Weight: 0.58kg
- Certificate: FBI, CE. FCC, UL, CCC

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Accessories

Fingerprint + Card Reader/Writer

UHF Reader/Writer

UHF Antenna

UHF Handheld Reader

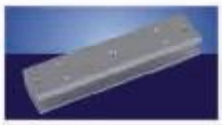
KR100 E/M - Exit Reader

Energy Saving Switch

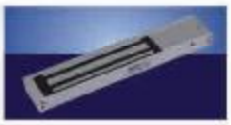
Safe Box

No Touch Exit Switch

L - Bracket



U - Bracket



EM Lock

Bolt Lock

Strike Lock

• IC Available at 125KHz nominal

IC Type	IC supplier	Memory	Function
EM4100	EM Marin	64 bits	R/O
EM4102	EM Marin	64 bits	R/O
EM4450	EM Marin	1k byte	R/W
T5557	ATMEL	330 bits	R/W
Hitag1	NXP founded by philips	2048 bits	R/W
Hitag2	NXP founded by philips	256 bits	R/W
Hitag S2048	NXP founded by philips	2048 bits	R/W
Tk4100		64 bits	R/O

• IC Available at 13.56MHz nominal

IC Type	IC supplier	Memory	Function	ISO Standard
Mifare1 S50	NXP founded by philips	1k byte	R/W	14443A
Mifare1 S70	NXP founded by philips	4K byte	R/W	14443A
Mifare desfire	NXP founded by philips	4k byte	R/W	14443A
mifare ultralight	NXP founded by philips	512 bits	R/W	14443A
I CODE SLI SI2	NXP founded by philips	1024 bits	R/W	15693
I CODE 1	NXP founded by philips	512 bits	R/W	ICODE1
Ti2048	Texas Instrument	2048 bits	R/W	15693
Ti256	Texas Instrument	256 bits	R/W	15693
INSIDE 2K	Inside	2k bits	R/W	15693/14443B
SR 176	STMicroelectronics	176 bits	R/W	14443B
Legic mim256	Legic	256bytes	R/W	
JWL872	Innovision	768bits	R/W	14443A
Tk3013		64 bits	R/O	

• IC Available at 886-915MHz nominal

IC Type	IC supplier	Memory	Function	ISO Standard
UCODE HSL	NXP founded by philips	2048 bits	R/W	ISO 18000-6C
UCODE EPCG2	NXP founded by philips	512 bits	R/W	ISO 18000-6C
MONZA	IMPINJ	96bits	R/W	ISO 18000-6C
XRAG2	STMicroelectronics	432bits	R/W	ISO 18000-6C
XRA09	STMicroelectronics	128bits	R/W	ISO 18000-6C

5V/12 V Mini UPS

Fingerprint Sensor

MIFARE Reader/Writer with SDK

Security at Fingertips