



IDTECK Co., Ltd.

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Architect & Engineer Specification

Time and Attendance Specification

(LX007 + Time Pro)

II.Special Specification

1. System Requirement

Operating SW (StarWatch TIME PRO)

Database : Oracle / Microsoft SQL Sever 2000 / MSDE

2.1. Centralized Data Management

Data collection and management by Server PC.

Setup Wizard

Step by step initial settings and data input via Setup Wizard

GUI(Graphic User Interface)

User-designed screen image and company logo on its windows

Client/Server and Web Brower

Data management by multi administrators based on Client/Server SW.

Data Search on the web browser to review and to print

Authority Defintion

Add/delete administrators with its authority definition to access menus, authority to use functions of each menu

Mealtime Rule/ Set Breaktime Rule

Registration up to 10 mealtime and break time



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Option of payable or payless for the mealtime/break time

User-defined reports

Able to add their own reports besides the preset reports

Able to View and print in your new report formats on the User Report screen

Email/ SMS by attendance status

Auto Closing

Automatic closing process at a defined time everyday

Hamster (USB fingerprint scanner)

Easy to send/receive fingerprint data

Visual Fingerprint Image quality check

Compact and elegant design, which is more convenient to use

Auto Data back up

Restore and automatic and periodic data back up

2.2 Dynamic Report and data connection

User-designed report format by date, attendance code, closing result, event content, etc

Export the report in various format and database connection to integrate with other system

2.3 TCP/IP, Serial communication

Multi ports configuration mixing TCP/IP and Serial communication.

2.4 Attendance types and Various Attendance Reports

Able to print user-defined reports

Able to set individual work time and holiday

Able to make Daily/Weekly/Monthly Closing and create reports for each closing.

2.5 Various options

Export report in various format (Excel, PDF, Text) and database connection to integrate with



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other system

Convenient modification for abnormal time and attendance data

3. Hardware features

Additional Serial Port for Connecting Printer :

Print original information to printer if it occurs event

Fingerprint image quality check

Visual fingerprint image on the screen

5 Star marks of fingerprint quality indicators

Voice Message

Voice message programmable for other languages

Voice message for Identification result, fingerprint identification result

User defined Voice Notice via Serial Communication

LCD Display

Graphic LCD display for supporting Multi language

Display of identification result

Card number and the card holder name display

Intelligent System

Standalone operation and Event store capability in case of communication failure.

Event list view option

Event list display through the LCD of the device in case of communication failure

Door Phone

Built-in MIC/ Speaker for Visitors

12 Function Key

Event Memory Full message

Message on the LCD, Alarm sound, SMS for event memory full



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Lost card management

User defined output operation in case of lost card number input

TCP/IP module

Built-in TCP/IP module

Supervisor Signal

Alarm and Event message in case of broken wire or disconnection

Triple-DES(3DES)

3 DES data algorithm use to secure personal biometric information

ID data correction

Able to correct ID information

4. System Specification

4.1. Fingerprint Identification Time & Attendance Controller (LX007-SR)

CPU : 8bit / 16bit / 32bit

Memory : Program Memory 4M bit ROM

 Data Memory 4M bit Flash Memory

1000/2000/4000 Fingerprint Users

10,000/20,000 ID Users/ 20,000/10,000 Event Buffers (Selectable)

Power/Current : DC12V/ 650mA Max

External Reader Port: 1EA(26bit Wiegand, 4/8bit Burst) Anti-Passback

Communication : RS232 /RS485 (Max 32Ch) , TCP/IP (Internal)

Input / Output : 4 Input ports DC12V /20mA

 2 Relay Outputs DC12V ~ 24V

 2 TTL Outputs DC 0 ~ 5V / 20mA

LCD : Graphic LCD (128x64 dots), 72.5mm x 39.5mm (2.85"x1.56") Screen

Keypad : 24Key Numeric Keypad with Back Lighting (12 Function key)

Built-in Speaker

Certification: CE, FCC, UL, ROHS, MIC



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4.2. Power Supply

Input : AC 220V / 110V

Output : DC 13V , 3.0A

Back Up time : Over 120 minutes

AC100 ~ 120V AC200 ~ 240V 50/60Hz

Alarm Signal for low battery voltage or AC power fail

Built-in Battery recharge circuit

FCC Class B