

IP Based IDTECK 13.56MHz Secure and Credential Format Smart Card Time & Attendance / Access Controller



- Highly Secured Digital Encryption Contactless Smart Card
- Able to check stored event list through the LCD display
- 12 Function Keys for Various Professional Time & Attendance Applications (Shift Management, Overtime, Breaktime, etc.)
- User's Name and Function Key Definition Display
- Communication : TCP/IP, RS485, RS232
- User / Event Buffers Up to 20,000 Users / Up to 20,000 Events



LX505SRS

Secure & Credential Format Smart Card
Time & Attendance / Access Controller



RFID Reader
& Card



Access
Controller

IDTECK
Your Security Partner
SINCE 1989

IP Based IDTECK 13.56MHz Secure and Credential Format Smart Card Time & Attendance / Access Controller LX505SRS



Key Features

- Highly Secured Digital Encryption Contactless Smart Card Professional Time & Attendance / Access Controller
 - Standalone Device with Internally Embedded Controller
 - Standalone Operation without PC/Server Connection
 - Graphic LCD Applied for Multi-Language Display and Voice Guide in Various Languages
 - Able to check stored event list through the LCD display
 - 12 Function Keys for Various Professional Time & Attendance Applications (Shift Management, Overtime, Breaktime, etc.)
 - User's Name and Function Key Definition Display
 - Communication : TCP/IP, RS485, RS232
 - User / Event Buffers Up to 20,000 Users / Up to 20,000 Events
 - Automatic System Reset via Self-Diagnosis (Watchdog Function)
 - Anti-Passback Function
 - Duress Mode
 - 2 Men-Operation Function
 - Arm/Disarm Function
 - Alerts when Door Opening Time Exceeds and Forced Door Open
 - Serial Printer Port for Issuing Event Ticket (Optional)
 - Advanced Security Time Schedule Configuration
 - Configurable Setting per ID (Time Schedule, Card Usage (Authentication Mode), Expiration Date, Accessible Reader, Door Opening Time, etc.)
 - Allows Registration of 10 Administrators using Fingerprints
 - 3-State Supervised Input (On/Off/Cut)
 - Designed to Withstand ESD (Electro Static Discharge) Shock
 - Output Format : 34 Bit Wiegand
 - Operation Mode : Smart Card(PIN), Smart Card(PIN)+Password
 - Compatible Software : IDTECK Standard Series, IDTECK Time Pro, IDTECK Enterprise TA Series
 - Compatible Smart Card : ISC80S, ISK50S, IMC135S
 - Compatible RFID Readers: SR10S, SR10SE, SR30S, SRK101S, SR10VS, SR30VS, SRK101VS
 - Standalone Controller (Fingerprint/ RFID) : XO100SRS, LX007SRS, LX505SRS
 - Compatible Fingerprint Reader : LX006SRS, FINGER006SRS
- * SRS Series products developed and manufactured by IDTECK are only compatible with SRS Series products



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Specifications

Model		LX505SRS
CPU		Dual 8bit and 16bit Microprocessor
Memory	Program	256KByte ROM
	Data	512KByte Flash Memory
ID User		Up to 20,000 Users
Event Buffer		Up to 20,000 Events
Radio Frequency (RF)		13.56MHz
Read Range (Compatible Card Type)		ISC80S : Up to 4 Inch (10cm) ISK50S / IMC135S : Up to 2 Inch (5cm)
Reading Time (Card)		30ms
Power / Current		DC 12V / Max. 550mA
External Reader Port		1 EA : 34bit Wiegand (for Anti-Passback) 4/8bit Burst for PIN
Communication		TCP/IP, RS232, RS485 (Max. 32ch)
Communication Speed	TCP/IP	10/100 Mbps
	Serial	57,600 bps (Default) / 9,600 bps / 19,200 bps / 38,400 bps (Selectable)
Input Port		4 EA: Exit Button, Door Sensor, AUX#1, AUX#2
Output Port		2 EA: 2 FORM-C Relay Output (COM, NO, NC) / DC 12V~18V, Rating Max. 2A 2 EA: TTL Output / DC5V, Rating Max. 20mA Can be used in 34 Bit Wiegand, using the 2TTL Outputs
Tamper Switch		2 EA
Real Time Clock		Accurate time display with continuous time synchronization with Application S/W(PC)
LED Indicator		3 Array LED Indicators
LCD		Graphic LCD (128 x 64 dots) 72.5 x 39.5mm Screen
Language & Voice	WEST	English(Default), Italian, French, Russian, Czech
	EAST	English(Default), Chinese, Korean
	ARAB	English(Default), Arabic
Buzzer		Piezo Buzzer
Keypad		24 Key Numeric Keypad with Back Lighting (12 Function Key included)
Operating Temperature		LCD: 0°C ~ +50°C (+32°F ~ +122°F) Controller: -15°C ~ +70°C (+5°F ~ +158°F) RF Reader: -35°C ~ +65°C (-31°F ~ +149°F)
Operating Humidity		10% ~ 90% Relative Humidity, Non - Condensing
Color / Material		Black / Polycarbonate
Dimension (W x H x T) / Weight		192 x 160 x 45mm (7.6" x 6.3" x 1.8") / 750g(1.7 lbs)
Certification		FCC, CE, KCC, RoHs

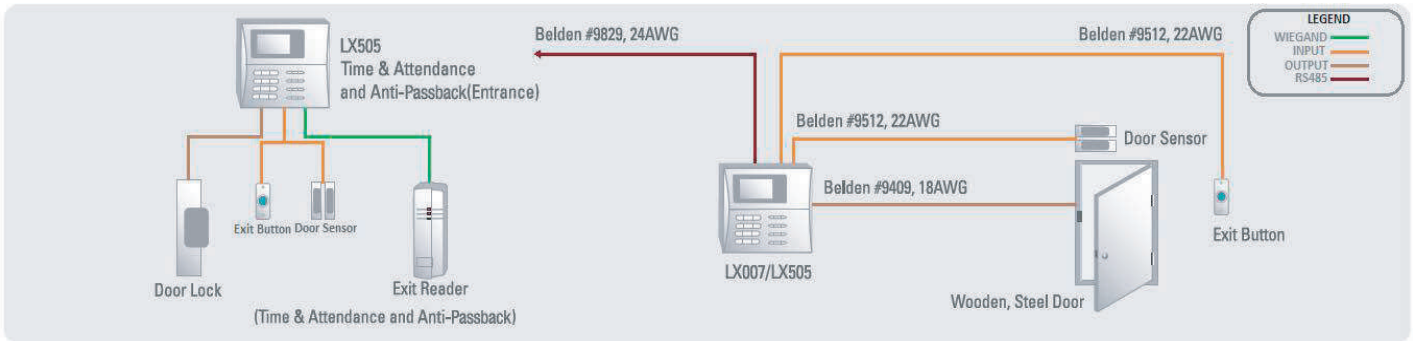
Time Schedule

Time Code	10	Holiday Code	10
Time Interval	5	Holiday	100

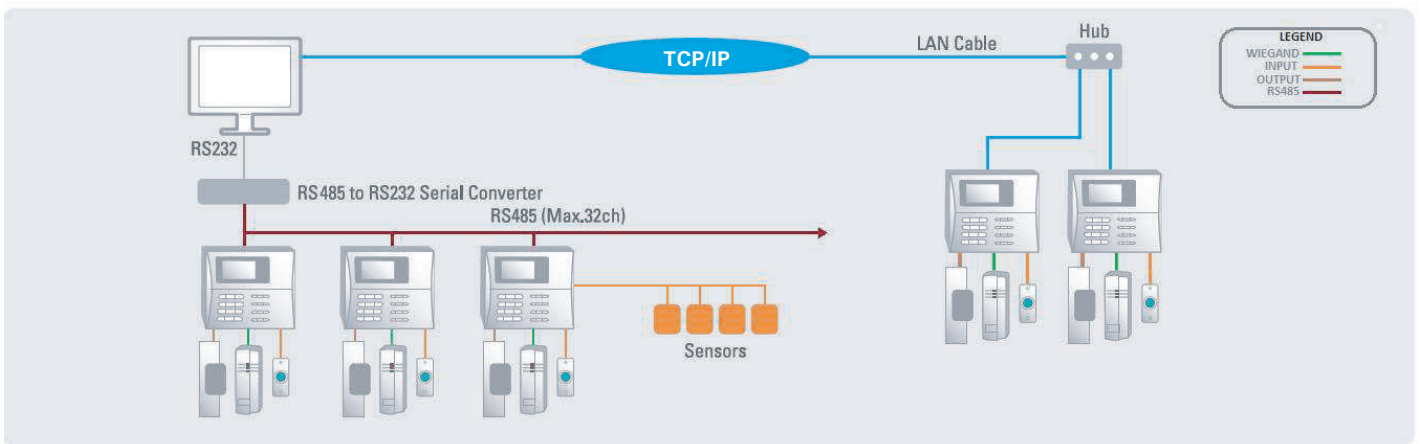
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Standalone Operation Configuration



Network Operation Configuration



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