ZK Technology

Choice of Fingerprint sensors

Choice of Platform

S900 Series

Multi-media Fingerprint Time Attendance Terminals

S900 series is innovative versatile time clocks which combine a highly durable yet elegant casing with a variety of fingerprint optical sensor technology and available in Linux and windows CE platform.

Choice of Fingerprint Sensor Technology:
ZK sensor is the most affordable, highly accurate, tuned for ZK's proprietary fingerprint matching algorithm that performs well in almost all office environments.

Secugen sensor is scratch –resistant and performs well in harsher working environments.

Lumidigm Mercury sensor that uses patented multi-spectral imaging technology. The fingerprint sensor can uniquely read beneath a users' skin surface and is not obstructed by cuts, scratches, dirt, and grime . . . conditions which often prevent traditional fingerprint sensors from reading accurately.

Multiple Platform option:
Programmers will appreciate S900's available development platforms which includes Linux, WinCE v6.0 and Python.

Connectivity:
S900's install easily on your network and supports both hard-wired TCP/IP and optional wireless or GPRS connections. The standard RS-232, USB Host and Client ports lets users connect directly to PC and also download data using USB Flash Disk drive.

3.5 inch Color TFT Multimedia Screen:
With its large 3.5" TFT for vivid color display/presentation and 8 dedicated function keys. S900 is very user friendly and can be easily customized by users with special requirements (i.e. break in/out recording, job code entry, tip entry, department transfers, schedule lookup etc.). Managers can even leave Short messages to all users or send a private message for particular users.

Access Control:
Additionally, with its multiple relay contacts and Wiegand In/Out ports, S900 can control door locks and connect to external card readers, exit switches, door sensors, alarms and even ring an external bell to signify the start and close of work shift(s).

Sleek, versatile, rugged, accurate and tons of option . . . ALL IN THE SAME DESIGN

Features

- Colorful TFT screen with graphical interface for ease of use
- Rugged and highly accurate ZK optical sensor
- 1-touch 1-second user recognition
- Reads Fingerprints and/or PINs
- Optional integrated proximity or smartcard reader
- Built-in Serial and Ethernet ports
- Built-in USB port allows for manual data transfer when network isn't available
- Optional integrated Wi-Fi\ GPRS also available.
- 8 user-defined function keys
- Multi Language Support
- Built in bell scheduling
- Real-time 1-touch data export 3rd party hosted & non-hosted applications
- Audio-Visual indications for acceptance and rejection of valid/invalid fingers
- SDK available for OEM customers and software developers

Configuration

Specifications

Capacity
- Fingerprints: 1,500
- Transactions: 30,000

Display
- 3" TFT LCD display

Dimensions
- Height: 9" (145 mm)
- Width: 12" (205 mm)
- Depth: 3" (47 mm)

Communication
- RS232/485
- TCP/IP
- USB-Host
- WiFi (optional)

Standard Functions
- Workcode, SMS
- Self-service query
- Scheduled bell

Environment
- Operating Temp: 32-113 ℉ (0-45 ℃)
- Operating Humidity: 20% to 80%

Power
- Power Supply: 12V DC, 1.5A

Packaging
- Dimensions: 9" x 10 1/2" x 3 1/2"
- Weight: 3 lbs (48 ozs.)

Part Numbers

S900 Standalone fingerprint reader w/ Secugen sensor and TFT screen

S900-HID Standalone fingerprint reader w/ Secugen sensor, HID card reader and TFT screen

S900-ID Standalone fingerprint reader with Secugen sensor, ID card reader and TFT screen

S900-WiFi Standalone fingerprint reader w/ Secugen sensor, TFT screen and Wi-Fi option

S920 Biometric fingerprint reader

S920-ID Biometric fingerprnt reader with ID card reader

S921 Biometric fingerprint reader

S921-ID Biometric fingerprint reader with ID card reader

S921-HID Biometric fingerprint reader with HID card reader

S921-M Biometric fingerprint reader with Mifare card reader

S921-WiFi Biometric fingerprint reader with integrated WiFi