

ASW023



ASW023 - Biometric Access Control and/ or Time Attendance Terminal

ASW023 is an innovative biometric fingerprint reader for Time & Attendance and Access Control applications, offering unparalleled performance using an advanced algorithm or reliability, precision and excellent matching speed.

PRODUCT OVERVIEW

The ASW023 features the fastest commercial-based fingerprint matching algorithm and SecuGen's high-performance, high-image quality optical fingerprint sensor. The patented optical sensor is resistant to scratches, impact, vibration and electrostatic shock.

Features

- ✚ Color TFT screen with GUI Interface for ease of use.
- ✚ Rugged scratch-resistant optical sensor
- ✚ 1-touch 1-second user recognition
- ✚ Stores 1500 templates and 30,000 transactions
- ✚ Reads fingerprints and / or PINs
- ✚ Optional integrated prox or smart card reader
- ✚ Built-in Serial, Weigand in/out and Ethernet ports
- ✚ Built-in USB port allows for manual data transfer when network is not available
- ✚ Optional integrated Wifi also available
- ✚ Relay contacts for alarm, bell, lock, exit switch, etc
- ✚ 8 user-defined function keys
- ✚ Multi Language Support
- ✚ Built in bell scheduling
- ✚ Real-time 1-touch data export to 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

TECHNICAL SPECIFICATION

Capacity	Templates	1500
	Transactions	30000
Dimensions	Length	5.5 inches/140mm
	Width	6.3 inches/160mm
	Depth	1.7 inches/45mm
Verification/ Identification	Verification mode	1:N up to 1500 templates
	Verification time	1 second
	Identification time	<= 2 seconds
	FRR	<=1 %
	FAR	<=0.001%
Communication	RS 232 / RS 485	
	Ethernet 10/100	
	26-bit Wiegand In/ Out	
CPU and Memory	CPU	32 bit
	Memory	8 MB Flash Memory
Environment	Operating Temperature	32 ⁰ – 105 ⁰ F (0 ⁰ – 42 ⁰ C)
Display	3.5' Color TFT Display	
Power	Operating Voltage	12V DC
	Relay Output	12V DC, 3A with ZK Power supply

Part Numbers

S900	S900 Biometric Terminal
S900-ID	S900 Biometric Terminal with Proximity reader
S900-M	S900 Biometric Terminal with Mifare reader
S900-HID	S900 Biometric Terminal with HID reader
S900-WIFI	S900 Biometric Terminal with WIFI
1GBUSB	1GB USB Flash Drive