

# BS S900

## Biometric Access Control and/ or Time Attendance



## Introduction

BS S900 is an innovative biometric fingerprint reader for Time & Attendance and Access Control applications, and Access Control applications, offering unparalleled performance using an advance algorithm for reliability, precision and excellent matching speed. The BS S900 features the fastest commercial-based fingerprint matching algorithm and 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, wiegand in/our and ethernet ports.
- Built in USB port allows for manual data transfer when network isn't 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.

### TECHNICAL SPECIFICATIONS:

#### Capacity:

Templates: 1500  
Transactions: 30000

#### Verification/Identification:

Verification mode: 1:  
N upto 1500 templates

Verification time: 1 second  
Identification time: <=2 seconds  
FRR: <=1%  
FAR: <=0.001%

#### CPU and Memory:

CPU: 32 bit  
Memory: 8 MB Flash Memory

#### Display:

3.5 Color TFT Display

#### Dimensions:

Length: 5.5 Inches/ 140mm  
Width: 6.3 inches! 160mm  
Depth: 1.7 inches! 45mm

#### Options:

Proximity, Mifare, HID, Wi-Fi

#### Communication:

RS232/RS485  
Ethernet 10/100  
26-bit Wiegand In/Out

#### Environment:

Operating Temperature:  
32° 105° F (0° 42° C)

#### Power:

Operating Voltage: 1 2V DC  
Relay Output: 1 2V DC, 3A

### Contact us:

**BridgeSol FZCO**

6WA 716, Dubai Airport Free Zone, PO Box 293736,  
Dubai, UAE