

BSR300

Fingerprint Access Control

Introduction

BSR300 is an innovative biometric fingerprint reader for access control applications, offering unparalleled performance using an advanced algorithm for reliability, precision and excellent matching speed. The BSR300 features the fastest commercial-based fingerprint matching algorithm and BIO high-performance, high-image quality optical fingerprint sensor. The device offers the flexibility to be installed standalone or with any third party panel that supports 26-bit Wiegand. The user can be enrolled by administrator card when the device works as a standalone access control. TCP/IP and RS232/485 are available that the device can be used in different network. TCP/IP communication make sure the data transition between the device and the PC can be easily done within several seconds.



Feature

- Fingerprint reader with durable and highly accurate BIO optical sensor
- 1 touch a-second user recognition
- Stores 1,500 templates and 10,000 cards
- Reads Fingerprint and/or Card
- Optional integrated smart card reader
- Built-in Serial and Ethernet ports
- Tamper-proofs switch and alarm outputs
- Request-to-exit and alarm contacts
- Real-time 1-touch data export 3rd party hosted & non-hosted applications
- Audio-Visual indications for acceptance and rejection of valid/invalid fingers



Specification

Fingerprint Capacity	1500 templates
ID card Capacity	10,000
Transaction Capacity	N/A
Hardware Platform	BIO510
Sensor	BIO Optical Sensor
Algorithm Version	BIO Finger v10.0 default, BIO Finger v9.0 selectable
Communication	RS232/485, TCP/IP
Access Control Interface for	3rd party electric lock, exit button, alarm
Wiegand Signal	Output
Optional Functions	Mifare, HID
Display	N/A
Power Supply	12V DC
Operating Temperature	0 °C – 45 °C
Operating Humidity	20%-80%
Dimension(W*H*D)mm	66.4*153.5*61
Net Weight	0.7kg