



## Biometric Fingerprint Accessories

### Biometric Fingerprint Accessory Unit Item Code: OZD-ABC-SC021

The OZD-ABC-SC021 Door Access Controller Unit is specially designed for High Security Access Control usage and uses a Proprietary Encrypted Weigand Output Signal for Access Control purposes.

The OZD-ABC-SC021 Door Access Controller Unit offers simple plug and play installation, simple set-up for Door Access Right Privileges and requires no Management Software.

The OZD-ABC-SC021 Door Access Controller Unit additionally offers support for two Biometric Fingerprint or RFID Proximity Card Readers and one Electronic Bolt or Magnetic Door Lock, 12 V DC Output support for two OZD-ABC-POS100 Power Supply Units, Support for Dry Contact Output for Access Control, and incorporates special anti-lightning, anti-static electricity and short-circuit protection circuitry design inside a compact, light-weight, industrial strength casing.

The OZD-ABC-SC021 Door Access Controller Unit has successfully been installed in the following Industry sectors:

- Commercial Offices
- Banks
- Manufacturers
- Hospitals
- Management Systems for Contractor Employees





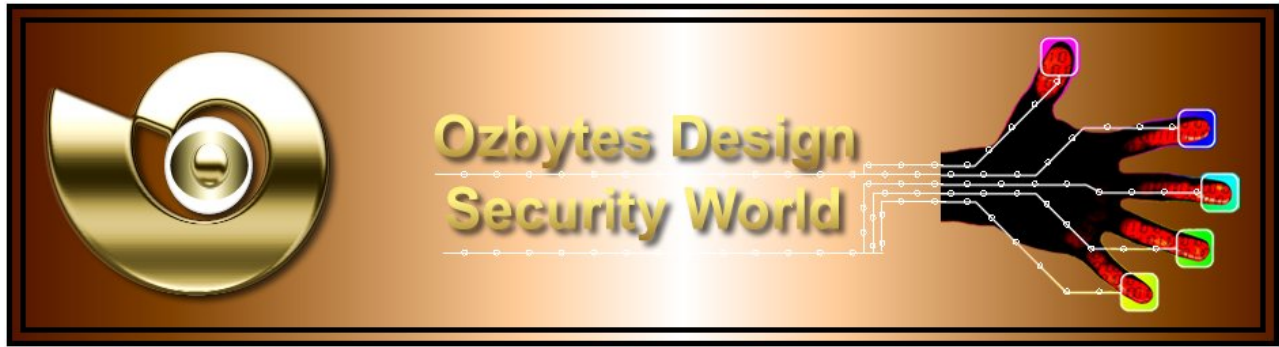
- Restaurant Management Systems
- School / Student Management Systems
- Laboratories
- Restricted Access Offices / Rooms
- Parking Lots
- Warehouses
- Public Institutions
- Membership and Fitness Centres
- Hotels

Our Access Controller Units have successfully used for the following range of Applications:

- Government Departments Systems
- Banking Systems
- Prison Systems
- Museum Systems
- Finance Systems
- Military Facility Systems
- High-tech R&D Centre Systems
- Warehousing Systems for Treasure and Valuable Goods
  
- Security Entrance and Exit Systems
- Data Centre Systems
- Elevator Hall Systems
- Mining Systems
- Engineering Systems

#### **Core Applications:**

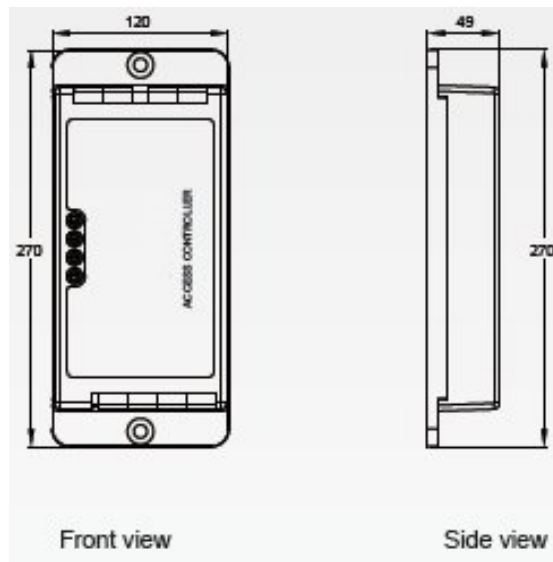
- Security Door Access.



### TECHNICAL SPECIFICATIONS

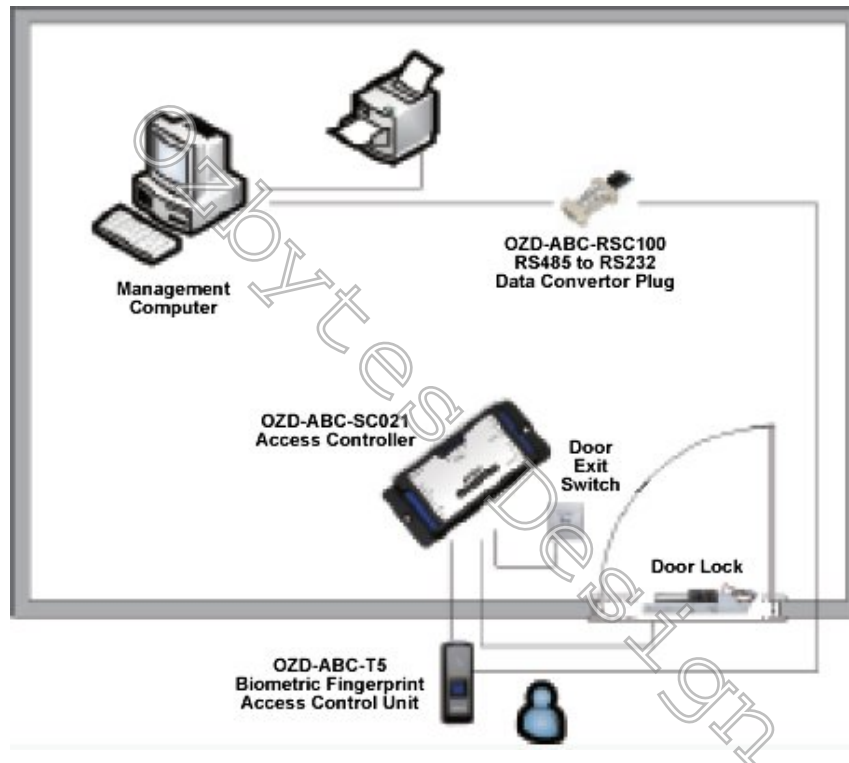
Reader Support:	2 Biometric Fingerprint or RFID Proximity Card Readers.
Door Lock Support:	1 Electronic Bolt or Magnetic Door Lock.
Input Format:	Proprietary Weigand.
Data Communication Distance:	Maximum 100 meters (recommended 80 meters).
Relay Time:	4 Seconds.
Output Voltage:	2 x 12 V DC, suitable for Dry Contact Output Access Control purposes.
Input Power:	12 V DC (recommended 3.00 A).
Working Temperature:	-10 to 70°C.
Working Humidity:	10 to 90% R.H. (No condensation).
Working Current:	EM Lock Output: 1.5 A; Relay Output: 50 mA.
Sleep Current:	50 mA.
Colour:	Black Colour.
Material:	ABC Industrial Plastic.
Unit Dimensions:	270.00 mm (H) x 120.00 mm (W) x 49.00 mm (D).

### DIMENSIONAL DRAWING





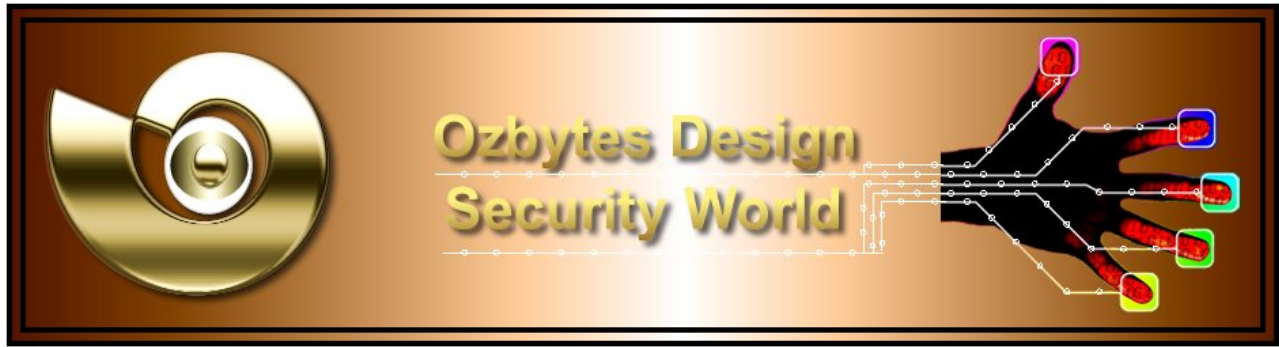
## DATA COMMUNICATION DIAGRAM



Your OZD-ABC-SC021 Door Access Controller Unit has been manufactured and quality assurance tested to ISO9001, FCC, CE and RoHS Standards.

Your OZD-ABC-SC021 Door Access Controller Unit comes with a full 12 month return-to-base Warranty. Any faulty products will be immediately replaced with a new OZD-ABC-SC021 Door Access Controller Unit.

For all Customer Care issues, contact your Local Reseller in the first instance, or the Australian / International Distributors whose contact details appear below:



Your local reseller is:

**Manufacturer's Agent / Australian and International Distributor:**

**Business Name:** Ozbytes Design  
**A.B.N.:** 24 200 625 187  
**Postal Address:** G.P.O. Box 2224,  
G.P.O. Melbourne Private Boxes,  
Melbourne, Victoria, 3001  
Australia  
**Mobile:** 0422 170153 (Within Australia)  
+61 422 170153 (Internationally)  
**Website URL:** <http://www.ozbytesdesign.com>  
**Email Addresses:** [info@ozbytesdesign.com](mailto:info@ozbytesdesign.com)  
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