

PowerSill™

BioGuard has the solution for your security needs. BioGuard products can help you to accurately identify and authenticate individuals based on their unique physical characteristics.

PowerSill™ provides the complete security package; multi-biometric and electronic access sensor protection together in one solution. Extra protection to meet the increasing demands for security.

PowerSill™ is an elegant solution that operates with any type of security sensor from biometric to electronic access, and can be fitted into any modern automated access control entry point (doors, turnstiles, parking gates, or other barriers). You can manage hundreds of doors through the BioGuard Management Platform.

PowerSill™ connects to the Local Area Network to interface with an Enrollment Station, Database, and Server.

PowerSill™ processes the information from the various sensors and responds by issuing commands to an access control unit or relay controller to grant access to authorized persons. A user is enrolled at the systems Enrollment station and the identity information is encrypted and stored in the database along with the user name and ID. A user entering an access point submits his credentials at the biometric or electronic access sensor. The system performs high speed, 1:N matching or 1:1 matching to identify the user. A relay controller is then activated to automatically open the access point. The system performs identification and matching exceptionally well and offers low false accept and false reject rates.

With its advance architecture, the **PowerSill™** controls and manages biometric sensors and electronic access devices such as:

- Palm Vein Reader
- Fingerprint Reader
- Keypad Reader
- Proximity Sensor
- Smart Card
- ID Card



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System Highlights

Reliable Biometric Technology Supports Fingerprint Reader, Palm Vein Reader and other major biometric technologies for superior biometric security

Electronic Access Control Supports all major electronic access sensors including smart card, proximity sensor, keypad, ID card

Intuitive Management Application Manage hundreds of users through remote enrollment station and server to enroll, delete, and identify users

Encrypted Templates for enhanced security

Outstanding Performance Exceptionally low false recognition and false acceptance rates

PowerSill™ Specification

Enclosure Dimension	4.173" x 3.728" x 1.147"
Power	12V DC or Power-over-LAN 550 mA (Typ.)
Operational Environment	Temperature: 0 ~ 50 ° Humidity: 40 ~ 80 %
Interfaces	<ul style="list-style-type: none"> • Wiegand IN (KeyPad, Proximity etc. • Wiegand OUT (Access control unit Etc.) • Digital Output: 4 ports • RS232 x 3 (without enclosure) • I²C (without enclosure) • RJ45 (LAN 10/100) • USB x 2 • Reset Button
LED Indications	<ul style="list-style-type: none"> • LAN activity • Power On/Off
Multi-Sensor Interface	Fujitsu Palm Vein, Lumidigm, Futronic, UPEK



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