



# SC-Gate



SC-Gate offers 1:1 authentication utilizing contact smart card and biometric fingerprint technology housed in a rugged aluminum casing.

Powered by Cogent's SecurASIC chip and preeminent matching algorithm -- as determined by the National Institute of Standards and Technology -- SC-Gate provides the highest level of performance and accuracy offered.

Cogent offers Match-on-Card or Match-on-Device solutions along with Power-over-Ethernet and customizable Wiegand formats. Biometric access control has never been easier.

Customizable Wiegand Setup

SecurSetup Administration Software

Power-over-Ethernet

**Secure Biometric Access Control**

**Beyond Comparison**

# Beyond Comparison

## SC-Gate Technical Specifications

|                           |   |
|---------------------------|---|
| Fingerprint Sensor        | Silicon Sensor (500 dpi)  |
| Enrollment Method         | Single Finger, Multiple Enrollments   |
| Extraction & ID Time      | ~1.5 seconds  |
| FRR                       | FRR 0.1 % - 0.001%  |
| FAR                       | FAR 0.01 % - 0.0001%  |
| Security Level            | Configurable  |
| Allowable Finger Rotation | +/- 15% for 1:N +/- 180° FOR 1:1  |
| Template Size             | 784 bytes   |
| Template Storage          | 1,200 Templates   |
| I/O Interface             | RS232, RS485  |
| Baud Rate                 | 9600 - 115 Kbps Programmable  |
| Ethernet                  | 10/100  |
| Smart Card                | ISO 7816 Reader (Java Based Cards For Match-On-Card)                            |
| Display                   | Customizable LCD Display (16 Chars, 2 Lines)                                    |
| Wiegand I/O               | Programmable Up To 128 bits   |
| DC Power                  | 6 - 12V DC Standard Input ( 12 - 48V DC Jumper Setup)                           |
| Power-Over-Ethernet(POE)  | Fully 802.3af compliant 12~60V DC (Jumper Setting)<br>For Non 802.3af standard  |
| Current                   | Standby: 200 ma @ 12V<br>Operational: 280 ma @ 12V                              |
| Operating Temperature     | 0° to 55° C (32° -131° F)   |
| Physical Dimensions       | (W) 4.2 in X (H) 7 in X (D) 2.5 in<br>(W) 106.7 mm X (H) 178.8 mm X (D) 63.5 mm |
| Weight                    | 1.1 Lbs (0.5kg)   |

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