

COGENT  SYSTEMS



- Search-Gate is a 1:many biometric reader
- Offers optional two-factor verification when combined with an external Wiegand reader
- Provides the highest level of fingerprint biometric performance and accuracy
- Stores up to 1,200 fingerprint templates on the device configurable for server based fingerprint comparisons for system scalability
- Capable of searching 1,200 templates at a rate of 500 templates per second
- Customizable Wiegand output up to 128 bits. Ideal for integration with any access control system

Search-Gate

Tokenless Biometric Reader

FEATURES AND BENEFITS

- Powered by Cogent Systems SecurASIC chip and preeminent matching algorithm (as established by the National Institute of Standards and Technology)
- Ideal for use with any access control system
- Onboard relay suitable for single door stand-alone applications
- Comes complete with SecurSetup™ software

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% - 0.001%
Security Level	Configurable
Allowable Finger Rotation	+/- 15°
Template Size	748 bytes
Template Storage	1,200 templates
I/O Interface	RS232, RS485
Baud Rate	9600 –115 Kbps programmable
Ethernet	10/100
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) for non 802.3af standard
Current	Standby: 200 ma @ 12V, Operational: 280 ma @ 12V
Operating Temperature	0 to 55 °C (32 to 121 °F)
Physical Dimensions	5.42" x 3.14" x 2.28" (137.7 mm x 79.7 mm x 57.9 mm)
Weight	0.9 ounces (0.3 kg)

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