



Smart-Gate™



Cogent's Smart-Gate is a state-of-the-art, two factor verification device combining a contactless smart card and biometric fingerprint technology.

Powered by Cogent's SecurASIC chip and preeminent matching algorithm (as established by the National Institute of Standards and Technology), Smart-Gate provides the highest level of performance and accuracy.

A biometric template is stored on a standard contactless smart card and provides one-to-one identity verification while protecting the user's private information.

With Power-over-Ethernet capability and customizable Wiegand formats, biometric access control has never been easier.

- > Customizable Wiegand Setup
- > SecurSetup Administration Software
- > Power-over-Ethernet

1:1 Biometric Access Control

Fingerprint Sensor	Silicon sensor (500 dpi)
Enrollment Method	Single finger, multiple enrollments
Extraction & ID Time	~ 1.5 seconds
FRR	0.1 % - 0.001%
FAR	0.01 % - 0.001%
Security Level	Configurable
Allowable Finger Rotation	+/- 15°
Template Size	784 bytes
I/O Interface	RS232, RS485
Baud Rate	9600 –115 kbps programmable
Ethernet	10/100 MB
Smart Card	14443 A, DESFire
Wiegand I/O	Programmable up to 128 bits
DC Power	6 - 12V DC standard input (12 - 48V CC 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 40° C (32 to 104° F)
Physical Dimensions	137.7 x 79.7 x 57.9 mm (5.42 x 3.14 x 2.28 in.)
Weight	0.3 kg (0.9 ounces)
Device Management Software	Cogent SecurSetup software (included)

FC CE RoHS compliant

*Product specifications are subject to change without notice.

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