



Introducing the...
iGuard® LM520-FOSC
with Secugen® Optical sensor

(Available Now)



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...a Veteran Owned Small Business

A new alternative to the LM520-FSC Series iGuard

LM520-FOSC

SecuGen® SDA03M Optical Sensor



LM520-FSC

Fujitsu FPS200 Capacitive Sensor



LM520-FOSC versus LM520-FSC

- Dimension and Weight
 - LM520-FOSC 105 x 55 x 150 mm 0.64 Kg
 - LM520-FSC 105 x 38 x 150 mm 0.60 Kg
- Pricing of FOSC & FSC is same (except for – SP, – SAM, and Spare Parts)
- Inter-operative capabilities of the two devices
 - Both work with the LM520-SC & LM-SM SuperMaster modules
 - In their native configuration, LM520-FOSC and LM520-FSC iGuards do not interoperate within a single master/slave network cluster
 - Upgrade modifications for FSCs are available

Why switch to the SecuGen® Sensor?

- The SecuGen optical sensor is widely used & field proven throughout industry & Government today
- Through Lucky Technology's continuous improvement program, the SecuGen-based model was engineered to address the most demanding physical access environments in which our iGuard units are installed
- Today's LM520-FOSC is a precursor to another new model being introduced in mid-2010
- The next model will employ SecuGen's SDA04 sensor
 - FBI Certified
 - FIPS 201/PIV Compliant
 - GSA APL Listed
 - RoHS Certified
- New 2010 model addresses high-end US Government market opportunities



Which one is better? It's all about customer preference...

- Both iGuard models are nearly identical in operation
 - LM520-FOSC has no sliding shutter over the sensor
 - Enrollment with the optical sensor requires 2 scans per finger versus 3 with the capacitive sensor
 - The optical sensor eliminates the “Too Dry” condition experienced by users in some climates
- The LM520-FOSC provides a technology alternative to our customers
 - Both models have the same pricing today
 - A very minor LM520-FOSC price increase is expected in 2010

FAQ: Master/Slave Inter-operability

- LM520-FOSC and LM520-FSC are not interoperable in the same master/slave network cluster due to differences in
 - Fingerprint template format
 - Matching algorithm
- LM520-FOSC can be used with LM520-SC & LM-SM Super- Masters because they all use LM Series data structures
- Modifications can be made to LM520-FSCs to achieve interoperability

FAQ: How is the LM520-FSC upgraded to the LM520-FOSC?

- If the LM520-FSC was produced after Nov 1, 2009, the upgrade requires:
 - Replacing the daughterboard with LM520-FOP-RD
 - Firmware upgrade
- If LM520-FSC was produced before Nov 1, 2009, the upgrade requires:
 - Motherboard modification at the factory
 - Replacing the daughterboard with LM520-FOP-RD
 - Firmware upgrade

FAQ: Smart Cards

- Are smart cards interchangeable with all iGuards?
- YES
 - Smart cards have not changed
 - Those used with LM520-SC & LM520-FSC iGuards can be used with the LM520-FOSC as well

FAQ: Installation

- The mounting dimension of LM520-FOSC and LM520-FSC are the same; both mount to a single-gang box
- Both models use the same power supply and have the same power consumption
- The remote door relay, wiring terminals, power connector, external relay connector and Wiegand output connector are the same for both models

FAQ: Is a LM520-FOSC demo model available?

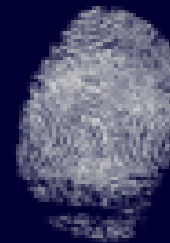
- Yes: LM520-FOSC-SAM demo units became available on Nov 1, 2009
- Prices for the LM520-FOSC-SAM demo iGuard
 - \$399.00 for LM520-FOSC-SAM iGuard (alone)
 - \$499.00 for LM520-FOSC-SAM Demo Kit containing
 - LM520-FOSC-SAM demo iGuard
 - 12VDC power supply & cord
 - Display stand
 - Smart cards (2 Ea)
 - Remote door relay

For more information...

- Call Laura Hernandez in Customer Service for more details at...

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*Providing iGuard® Fingerprint Biometric Solutions for
Business & Government since 2005*