



FGR006 FINGERPRINT & PROXIMITY READER

Part No. 101-091

FGR006SRB FINGERPRINT EMBEDDED SMART (MIFARE) CARD READER

Part No. 101-143

FGR006-EX FINGERPRINT & PROXIMITY READER WITH EXTERNAL WEIGAND INPUT

Part No. 101-094



Fob



RF Card



Fingerprint

101-091 FGR006

- Proximity and Fingerprint Verification
- Dual Fingerprint registration
- Stores up to 1000/2,000/4,500 Fingerprints
- RS232 Comms jack for upload/download fingerprints to PC
- Fingerprint Automatch Identification (Optional)
- Network communication via RS232/RS422/RS485 (Max. 255ch) and TCP/IP (External Converter Required)
- Fast Verification Time less than 1 sec.
- Registration / Verification Mode
- Off-line Add/Delete function using Master Card
- 26 Bit Weigand output
- Tamper switch
- HIGH COMPATIBILITY. Compatible with 3rd party controllers, with Ness FGR006 communication software or development kit software, (SDK).

101-094 FGR006-EX

- As above, also connects to any external 26 Bit weigand reader.

101-143 FGR006SRB

- Built-in Fingerprint and Smart Card Reader (Contactless Mifare)
- 13.56MHz ISO14443 Type-A compatible
- Read Fingerprint Templates directly from the Smart Card
- Unlimited Fingerprint User
- Decode encrypted biometrics data using patented encryption algorithm
- Protected ID and Fingerprint Template copy
- Support PRG2000B Biometrics Programmer with Software
- Tamper Alarm Function
- Fast Verification time less than 1 sec.
- Built-in 2 colour LED and Beeper sound
- 34 Bit Weigand output format
- Fingerprint Templates are stored on the Smart Card and allows for Portability
- No Database or Template Management
- Secure sign-on Facility
- Flexible Quality Solution to suit any application
- Compatible with SRB format (34 B it Wiegand)
- Compatible with PRG2000B kit, iCON100, iTDC

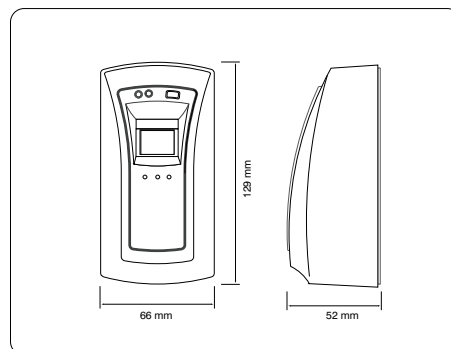
FGR006 & FGR006SRB can be connected to any existing access control panel to provide high security fingerprint and proximity card access control.

FGR006/SRB have a built-in proximity reader and fingerprint module so that the access is only allowed when the personal ID (RFID card) and fingerprint are authorized.

The slim modern design allows easy installation (just replace existing reader) to metal door frame (mullion) or to any flat wall surface.

FGR006-EX has an additional input for connection of an external 26 Bit weigand reader.

FGR006SRB also provides additional Smartcard (Mifare) capability.

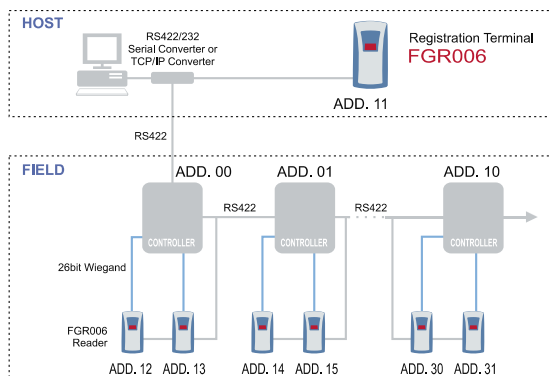


Access Control Products

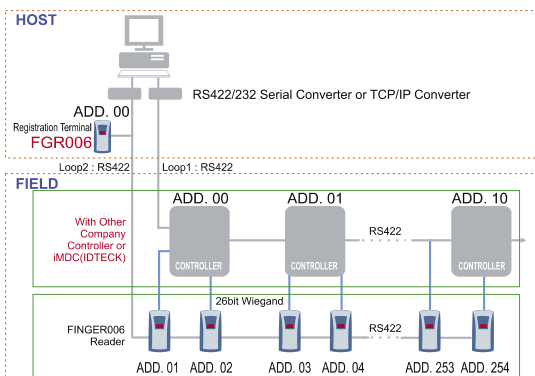


SPECIFICATIONS	101-091 FGR006	101-143 FGR006SRB	101-094 FGR006-EX
CPU	32bit Strong ARM and Dual 8bit Microprocessor		
MEMORY	Module Program Memory: 8KByte ROM Data Memory: 128KByte/256KByte/512KByte Flash Memory Controller Program Memory: 64 KByte Flash ROM Data Memory: 32KByte Flash Memory		
READ RANGE	IDC50 Fob: 5cm IDC170 Card: 10cm IDC80 Card: 10cm IDA150 Card: 30cm IDA200 Card: 40cm		Connects to an external reader
FINGERPRINT TEMPLATES	1000/2,000/4,500 Fingerprint Templates		
TEMPLATE SIZE	800 Bytes		
VERIFICATION TIME	Less than 1 sec (Less than 3 sec for automatch)		
PROXIMITY READER	Built-in Proximity Reader (125KHz) Mifare Smartcard reader (FGR006SRB)		
OUTPUT	26 bit Wiegand, Tamper switch output	26 bit Wiegand, Tamper switch output	26 bit Wiegand, Tamper switch output
OPEN CONTROLLER OUTPUT	Fingerprint Verification Error		
INPUTS	LED Control, Beeper Control (RS485, RS232)		LED Control, Beeper Control (RS485, RS232) + 26 Bit reader input
COMMUNICATIONS	Addressable RS485/RS422(Max. 255)/RS232 Port/ TCP/IP (External converter required) Baud Rate : 4800bps, 9600bps(Default), 19200bps and 38400bps		
POWER	DC12V, Max. 300mA		
ENVIRONMENTAL	Fingerprint module : -15°C to +40°C, 10% to 90% RH(Non-Condensing) RF-Reader : -35°C to +65°C, 10% to 90% RH(Non-Condensing)		
DIMENSIONS	66mm x 129mm x 52mm		

WITH IDTECK CONTROLLERS



WITH OTHER CONTROLLERS



www.ness.com.au

© 2005 Ness Security Products Pty Ltd ABN 28 069 984 372
Photographs are used for illustrative purposes only. Design and specifications may vary.



Access Control Products



SYDNEY
02 8825 9222
sales@ness.com.au

MELBOURNE
03 9875 6400
nessmelb@ness.com.au

BRISBANE
07 3399 4910
nessbris@ness.com.au

PERTH
08 9328 2511
nessper@ness.com.au

ADELAIDE
08 8277 7255
adelaide@ness.com.au

NZ (NFS SECURITY)
+64 9 573 0401
sales@nfs.co.nz