



IDTECK Co., Ltd.

5F Ace Techno Tower B/D, 684-1, Deungchon-Dong, Gangseo-Gu, Seoul, 157-030, Korea
Tel : 82-2-2659-0055 Fax : 82-2-2659-0086 www.idteck.com webmaster@idteck.com



Architect & Engineer Specification

PRG2000B Fingerprint Embedded Smart Card Programmer

October 4, 2005

1 Introduction

The intent of this document is to describe the specification of PRG2000B Fingerprint Embedded Smart Card Programmer manufactured by IDTECK Co., Ltd. All the information is provided in detail for system architect and engineers designing access control system.

2 Description

The PRG2000B Fingerprint Embedded Smart Card Programmer is intended to program fingerprint data to ISO14443 Type A Mifare smart card. By using IDTECK's patented encryption code, it gives perfect solution for place requires higher security.

3 Mechanical Specification

3.1 The PRG2000 shall measure 4" x 5.6" x 0.8". PRG2000 shall arrive disassembled and contains following;

3.1.1 Stand for the body

3.1.2 The body that mounts to the stand

3.2 The PRG2000B shall have a dark pearl gray body

3.3 The PRG2000B shall weight 180g (Packaged weight for shipping shall be 2kg)

4 Electrical Specification

4.1 The PRG2000B shall contain 16bit Microprocessor

4.2 The PRG2000B shall contain memory as following.

4.2.1 Program memory of 256KByte ROM.

4.2.2 Data memory of 32KByte SRAM.

4.3 The PRG2000B shall indicate its status through LEDs.

4.4 The PRG2000 Bcard programmer shall operate on 12V. Max 500mA.

5 RFID reader and writer Specification

5.1 The PRG2000B shall include built-in 13.56MHz ISO14443 type A Mifare reader and writer.

5.2 The PRG2000B shall read/Write fingerprint data within 5 sec

6 Communication Specification

6.1 The PRG2000B shall support 2 x RS232 communication port as following.

6.1.1 RS232 for Biometric reader such as FGR006

6.1.2 RS232 for Computer to interact with software

7 Environmental Specification

7.1 Operating Temperature

7.1.1 The PRG2000B shall operate temperature between -15°C ~ +65°C.

7.2 Operating Humidity

7.2.1 The PRG2000B shall operate humidity between 10% ~ 90% RH(Non-condensing)

8 Certification and Approvals

8.1 The PRG2000B shall have following certification

8.1.1 FCC certification

8.1.2 UL certification

8.1.3 CE certification

8.1.4 MIC certification



IDTECK Co., Ltd.

5F Ace Techno Tower B/D, 684-1, Deungchon-Dong, Gangseo-Gu, Seoul, 157-030, Korea
Tel : 82-2-2659-0055 Fax : 82-2-2659-0086 www.idteck.com webmaster@idteck.com



Technical Support Contact Information:

IDTECK

5F, Ace Techno Tower B/D, 684-1 Deungchon-Dong
Gangseo-Gu, Seoul, 157-030
Republic of Korea
Hours: 0900 ~ 1900
Tel: 82-2-2659-0055
Fax: 82-2-2659-0086
E-mail: webmaster@idteck.com
Web: www.idteck.com

Disclaimer

The information in the document has been carefully checked and reliable. IDTECK reserves the right to modify and revise the document without any notice. IDTECK holds no reliability for in accuracies in the document. If you discover any discrepancy in this document please contact us via email listed above or phone.