Operational Description

This product, DP-5100 is the fingerprint identification device (or RF card reader device) with wide applicable scope which needs the user identification, like Access Control, Time & Attendance, Dining Count, Membership Management and Student Management and so on.

Model DP-5100, with diverse I/O, provides optimal solutions in various purposes needed. This device is composed of LCD sized 16 x 2, 12 basic keys and 4 additional function Keys, 3 color LED.

And it could be applied for diverse division with its embedded communication ports like 1 RS232, 1 RS485, 1 Wiegand, 1 optional TCP/IP and 1 Relay for lock control and 1 external Sensor input for Exit Button.

This device is the stand-alone and TCP/IP with the fingerprint reader / RF-ID reader and controller designed for use with various applications requiring physical door access control and time & attendance. It utilizes optical fingerprint scanning and RF-ID technology for superior image quality and product reliability.

- Exit Door Control, Time & Attendance, Overtime Labor Management
Four function keys available for the Time & Attendance could be used flexibly in programming the customized Software. One Terminal could be applicable for many kinds of functions.

- Available for both STAND ALONE and Network with ACU and PC
It is possible to use DuoPASS as a STAND ALONE or network with ACU, and when using the ACU network system the PROTOCOLs like Wiegand/RS232/RS485 available. Moreover the bundle Software could make it possible to connect to PC directly thru RS232/RS485 and TCP/IP optionally. And the RTC and Log Management Function(8000 times) enables Access Control and Time & Attendance without ACU.

- Functionality

- **User Management**

  ➢ User registration
  ➢ User Deletion
  ➢ Registered User referring
  ➢ ID registration referring
  ➢ Registered ID list referring

- **System Management**

  ➢ Time/Date setting and referring of the embedded Timer
  ➢ Device Number setting(1~255)
  ➢ Relay working time for lock setting(0~99)
  ➢ Identification Combination setting(Finger, CARD ONLY, CARD or KEY etc)

- **Others**

  ➢ Exit button
  ➢ Relay Output(Lock Control)

The following is a system configuration about the the operation flow.