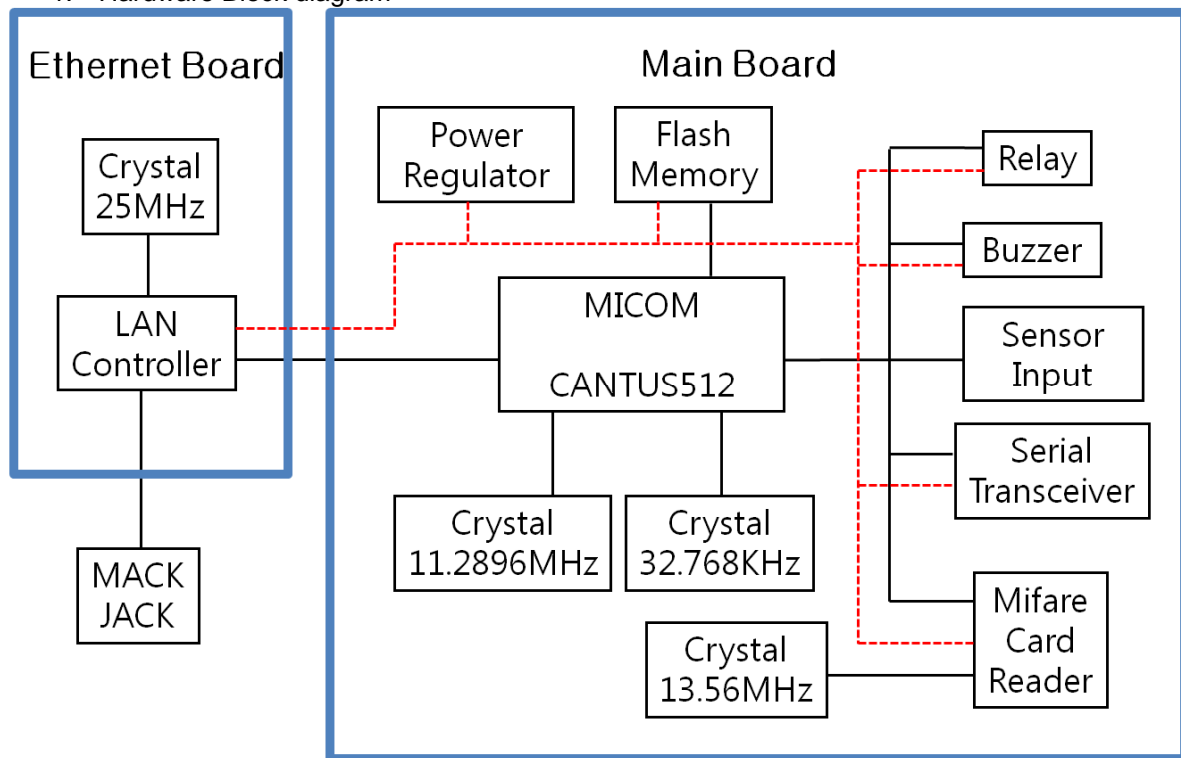# Operation Description for FR-260NM

1. Hardware Block diagram

2. General
It supports various functions as follows
   - User enrollment with RF card ID
   - User deletion with RF card ID
   - User identification using card
   - Configurable security modes
   - Standalone/Network communication via TCP/IP
   - Onboard configurable 3 inputs and 1 Relay output
   -
3. Operation
   A. Card
      - CPU reads card ID via RF Card Reader
      - In Enroll process CPU write card ID to Flash Memory
      - In identification process, CPU reads new card ID and compares enrolled card ID
      - If dentification is successful, CPU drive the Relay

   B. Delete User
      - User can use master card, select Delete User
      - User can delete single user data by entering the card ID
      - User can delete all user data by select Delete All User function
      - Completion of user deletion by erasing the user data that on a Flash Memory

   C. Communication
      - CPU communicate using TCP/IP, UDP protocol with the PC via Ethernet Controller
      - CPU makes exchange with the PC about information for the operation of FR-260 and User

   D. Sensor
      - Periodically, CPU checks the state of Sensor Input, notify to the PC or write to Flash Memory
      - Sensor Input connected to Exit Button, CPU drives the relay