

**Applicant: Cogent Systems Inc.**  
**FCC ID: TLDMI3C**

## **Operation Description**

This kind of product introduces Marvell PXA310 624MHz CPU. It is a multifunction device that integrates with face / bar code / fingerprint image capture and identification. It has a high contrast and brightness color transfective TFT LCD, which has a size of 3.5". It has touch screen and 42-keys keypad human interface. It can support windows media player. It includes kinds of communication interface: GPRS /Bluetooth / WiFi / USB2.0 . Also, it has built-in GPS. Consumer can freely select either 2 in 1 card Reader ( Contacted Card / Contactless Card) or Swipe Magcard Reader. It will last for more than eight hours of consecutive use, because the product has a large-capacity battery. Then you may recharge the backup battery and main battery while the product is in work mode or in standby mode.

The power management unit (PMU) outputs all kinds of powers for difference uses. The program in Nand Flash will transfer to DDR SDRAM after turn on the CPU. The program will run in DDR SDRAM. The cameras output face / bar code / fingerprint images separately. These data will be transmitted to PC database through USB or WiFi and GPRS / Bluetooth.