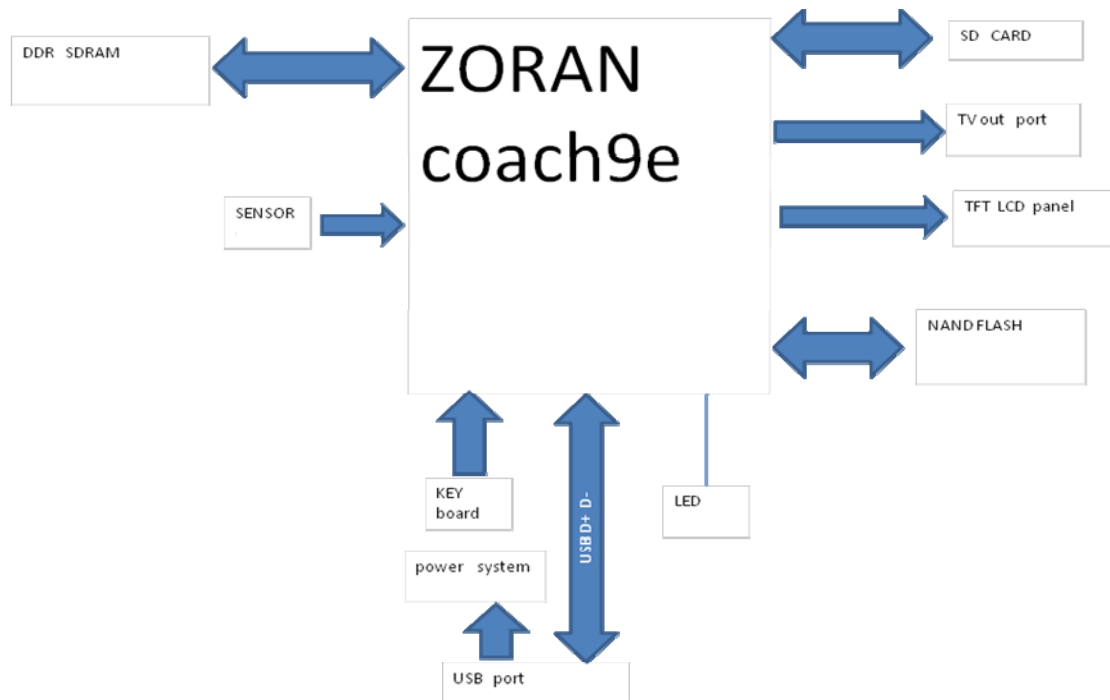


— . Block Diagram



二 . Machines working principium as follow up:

1. One end of the corresponding computer USB cable port, the other end of the scanner (the computer must be turned on)
2. Press POWER button to open the DSP instructions, DSP power system starts after receiving the instruction. DSP initialization is complete, the system default according to NAND FLASH to run inside and get the boot welcome screen TFT LCD display, the initial of SENSOR, complete, enter the scan mode.
3. Fitted to scan FILM, backlight light emitted by the lens through the imaging FILM, FILM in the SENSOR the image on the display. SENSOR to optical signals into electrical signals sent to DSP, DSP on into the Signal into the handling, processing, temporary storage in DDR SDRAM, the

same time to send TFT LCD display.

4. Operator prompts according to the image on the LCD, the keyboard to control the DSP to do the appropriate treatment (eg: scan, delete, etc.).

5. Users to save scanned images under the NAND FLASH (SD card when inserted into the SD card first)

6. When using the TV cable are connected to a TV PORT, it will close the LCD display, the TV display.

7. They can enter the system with a set put the scanner into USB mode, then USB will stop scanning, and computer on-line access to MSDC mode.

8. Again press POWER button, DSP instructions received, it will turn off the power system, enter the shutdown state.