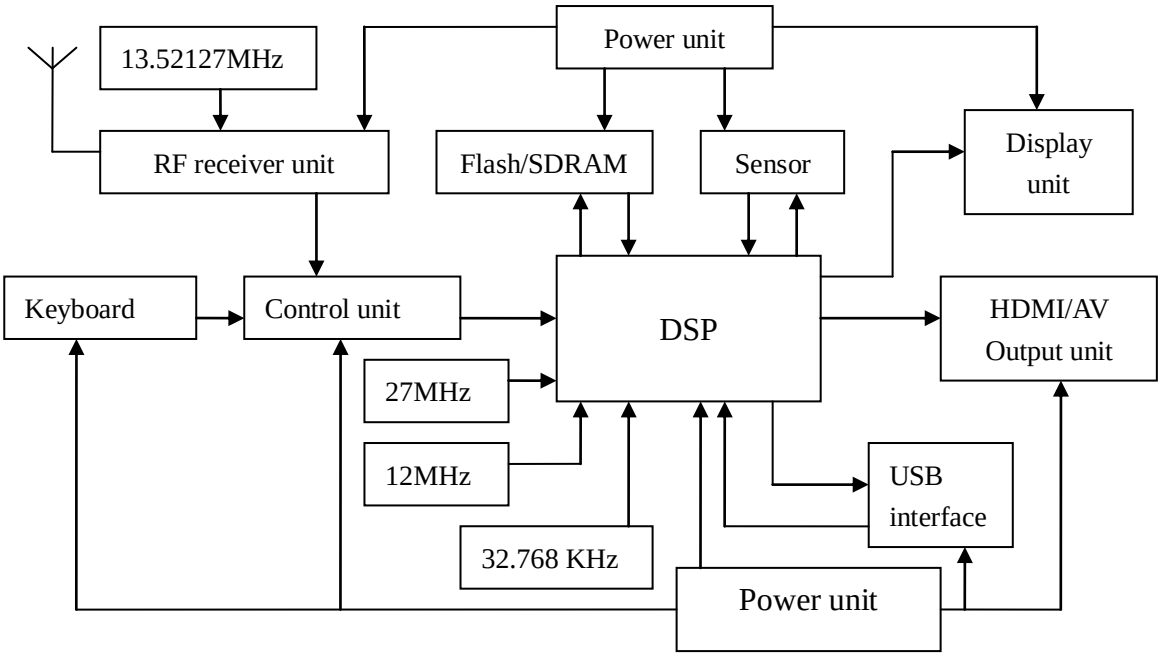
G-eye 1080 block diagram



G-eye 1080 circuit description

1. Power units supply Power energy to all other units。
2. RF receiver unit receives 433.956MHz operating signal by the antenna，the control unit get the operating signal from the RF Receiver Unit，Control unit will send the processed signal to DSP to execute。Keyboard send the manual operating signal to Control Unit，Control unit will send the processed signal to DSP to execute。
3. Receiver modulation mode：ASK
4. Flash/SDRAM give the space for DSP to access instruction and data transfer。
5. Video Sensor send the video signal to DSP to process，and DSP send the processed signal to the HDMI/AVOUT unit。Also DSP will initial the parameter of Video Sensor in the starting。
6. Display unit displays the video signal from DSP。
7. HDMI/AV output unit process the signal from DSP，and transfer this signal to analog video and HDMI signal and output。
8. the system data transfer with the PC by USB interface。