Progress report (Raspberry Pi Camera)

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1. Transmission module

We successfully built the system of transferring message and photo from Phone to PI and Pi to Phone (base on the Bluetooth), including the system on Pi and a program in Android Phone. We also test this system several times to prove its stability and we're gladly to say that the system satisfied our goal

2. Camera detection

We're now still working on this part and a few more problems need to be solved (e.g.) ,

We use the Raspberry Pi mini camera V2.1 model to begin the study and achieve our project goals. The camera is connected to the Pi by the camera serial interface. The sensor on the camera is five-megapixel fixed-focused similar to those found in decent smartphones. It is capable of delivering 2592X1944 stills and a HD video 30 frames and 60 frames per second and 720p videos. Open the terminal to update and upgrade raspbian while the Pi is connected to the internet. Enable the camera in default option changer in raspbian. After rebooting, the camera feature is on. There would be two functions: raspi still function and raspi vid function. A picture can be taken using command "raspistill -o image.jpg".