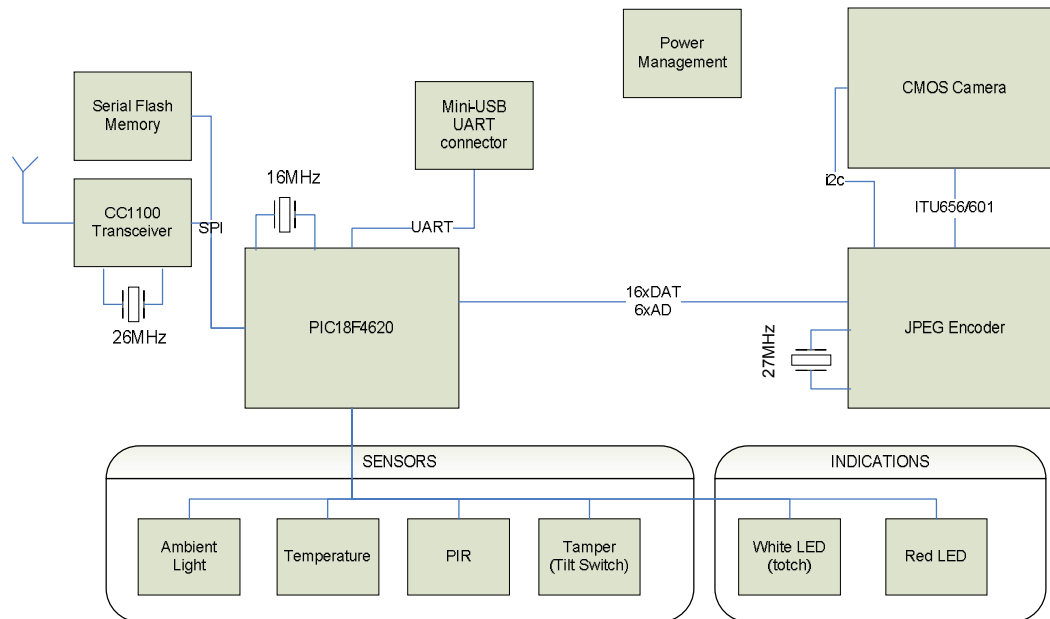




# Indoor Photo Detector

ES700IPD

*Detect and view events as they happen*



## Block Diagram Description

The 3 AA batteries (or optionally the DC power inlet) provide the power to the power management block, which convert it to several voltages needed by the components.

The main micro-controller gets data from PIR sensor, temperature sensor, ambient light sensor and tamper switch.

It interacts with the camera, JPEG encoder chip and with the RF-transceiver chip.

It stores the JPEG pictures in the serial flash memory as an intermediate buffer before transmitting it towards the control panel.

The product have a red indication LED and a strong white LED used as a flashlight to shoot color pictures in dark environments.

Modulation and Frequency: BFSK , 868.3 for Europe MHz or 916.5MHz for USA