

R1000 Wireless Camera

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Architecture

R1000 Wireless camera includes high quality video and audio components. When combined with R1000 **Receiver**, you have an ideal combination for watching the baby, monitoring the porch, pets, yard or the pool. It is also suite to many small business applications.

R1000 wireless camera hardware architecture is show in Figure 1.

- 1> The camera is base on a single-chip COMS Monochrome camera sensor (OV7910) provide a high quality video, built-in an audio microphone,IR LED for night vision and audio alert when audio detected
- 2> The 2.4GHz TX module is assigned to transmit the video and audio signal wirelessly.
- 3> MCU (Micro control unit) operates periodically. Including scan the switch to select the RF module channel and audio detected control