

H.263 Based Video Transceiver for Wireless Camera System

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Abstract : In this paper, a design of H.263 based wireless video transceiver is presented for wireless camera system. It uses standard WIFI transceiver and the covering area is up to 100m. Furthermore the standard H.263 video encoding technique is used for video compression since wireless video transmitter is unable to transmit high capacity raw data in real time and the implemented system is capable of streaming at speed of less than 1Mbps using NTSC 720x480 video.

Keywords : wireless video transceiver, video surveillance camera, H.263 video encoding digital signal processing

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