



## VM133(Network Camera IC) KGD

**For the chip makers who is targeting to manufacture low-cost and hi-end Network camera chip, VMT provides KGD of network camera.**

There are numerous network camera solutions available out there.

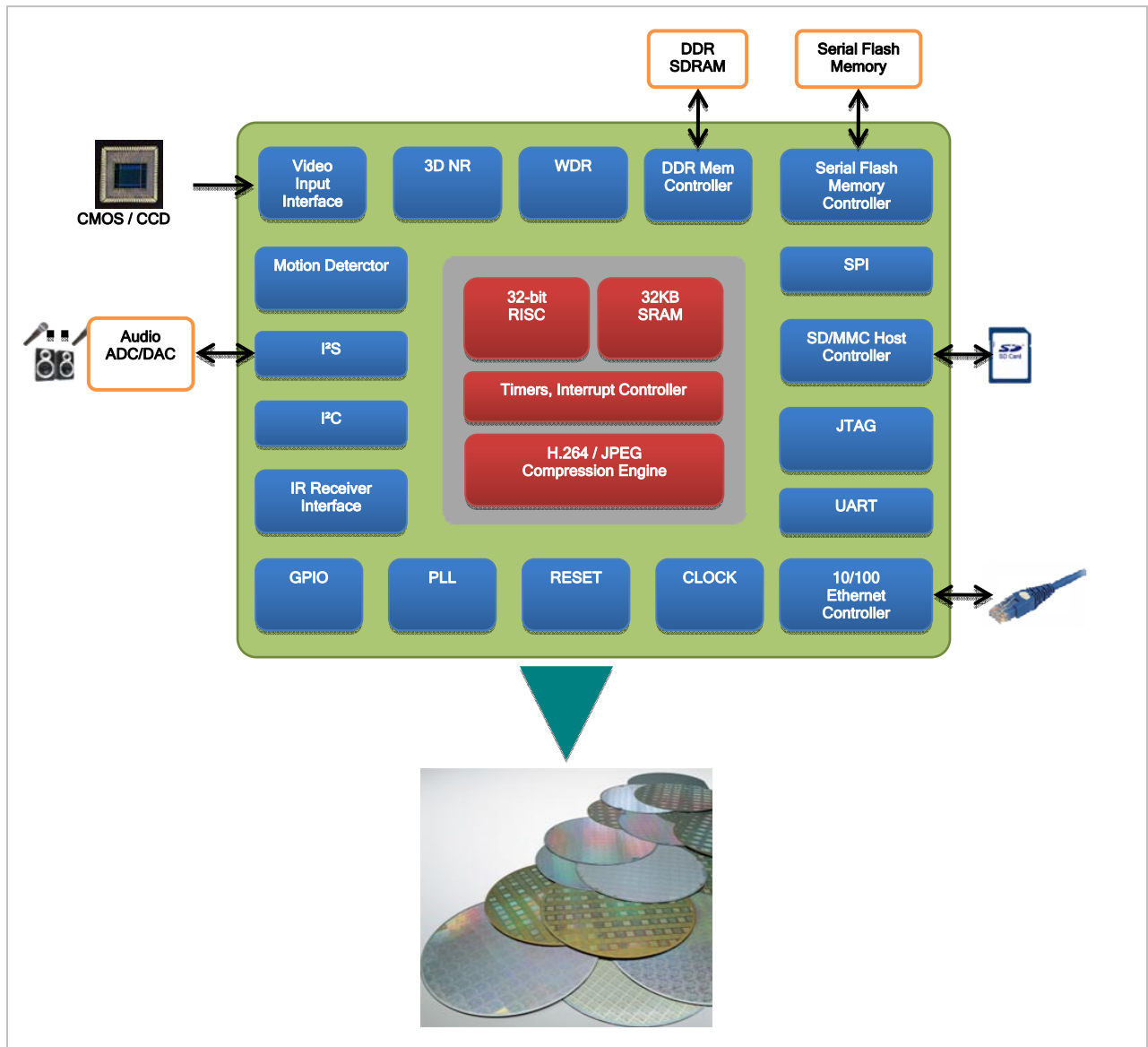
However, Vision Micro Technology's unique and cost-effective network camera solution can be the ultimate way-out, which provide greater flexibility for most of Network camera products in the market.

Our Solution can satisfy major market audience by covering all network camera product segments including low, middle, and even high-end product category. Specifically, it supports compression codec JPEG for the low-end market segment as well as H.264 for the mainstream products these days. Most of all, this solution can support up to mega pixel resolution for optimized & precise video quality streaming image.

### Key Features

- **Video Input Interface : CMOS Sensor Input or ITU-R BT.656 Input**
- **Compression : H.264 and JPEG with simultaneous multi-standard encoding (D1, CIF support) and supports mega pixel Resolution**
- **Host Processor : 32-bit RISC Processor, 162MHz, 8KB I-Cache/8KB D-Cache**
- **Memory Interface : Flash Memory Controller (supports dual/quad I/O mode) supports direct booting from serial flash after power-on**
- **3D Noise Reduction Filter for High Compression rate and High Quality @ Motion Picture**
- **Wide Dynamic Range & Auto White Balance**
- **Inter-IC (I2C) Master Interface**
- **Serial Audio Interface with Inter-IC Sound (I2S)**
- **SPI Host Controller**
- **Infra-red Receiver Interface for Remote controller**
- **Multimedia Card and Secure Digital(MMC/SD) Host Controller**
- **General-Purpose I/O (GPIO) Ports**
- **10/100 Ethernet Controller**
- **JTAG Debug Capability**

## [ VM133 Internal block ]



## Contact Us

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