



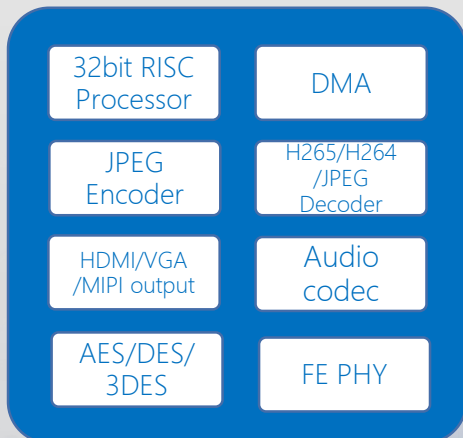
| Application

| Professional NVR

## | Features

- Support multiple channels HD NVR
- Support high performance H.265/H.264 video codec.
- Support HDMI/VGA video display.
- Support SATA/USB/Ethernet peripherals.

## | Block Diagram



## | Specifications

CPU	Dual Core CPU Support up to 1GHz
Video codec	Encoder: 1x1080p@30fps JPEG Decoder: 4x1080p@30fps H265/H264, 1x1080p@30fps JPEG
Audio	1 Codec inside and 1 bidirectional I2S
Video Output	1xHDMI 1.4b output, support up to 4096x2160@30fps 1xVGA output, support up to 1080p@60fps 1xMIPI output up to 1080p@30fps and 1 CVBS
Memory	16bit 1866Mbps DDR3, up to 1GB (MC6810E 256MB DDR3 inside) 1xSPI NOR/NAND Flash
Network	1 internal FE PHY
Peripherals	1xSATA3, 2xUSB2 1xSDIO2, 3xUART, 1xI 2C, 1xIR, GPIO
Package	TFBGA302, 13mmx13mm
Others	Working temperature: -20°C~70°C Typical power consumption: 1.5W Power supply: Analog: 3.3v, IO: 3.3v/1.8v, Digital: 0.9v

| Shanghai

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