

## 应用领域 | Application

- 专业模拟录像机 | Professional DVR



## 产品特点 | Features

- 支持多路高清 (1080p/720p) 和多路标清 (D1/960H) DVR  
Support multiple channels HD and SD DVR
- 支持高性能H265&H264视频编解码  
Support high performance H.265/H.264 video codec.
- 支持HDMI/VGA 高清显示输出接口  
Support HDMI/VGA video display.
- 支持SATA/USB/Ethernet丰富接口  
Support SATA/USB/Ethernet peripherals.

## 主要模块 | Block Diagram



## 产品规格 | Specifications

CPU	Dual Core CPU Support up to 1.3GHz
Video codec	Encoder: 2x1080p@30fps H265/H264, 1080p@30fps JPEG Decoder: 2x1080p@30fps H265/H264, 1080p@30fps JPEG
DSP	Smart DSP
Video Input	2 8bit BT656 port or 1 16bit BT1120 input up to 4x1080p@30fps
Video Output	1xHDMI 1.4b output, support up to 4096x2160@30fps 1xVGA output, support up to 1080p@60fps 1xCVBS output
Memory	16bit 1866Mbps DDR3, up to 1GB 1xSPI NOR/NAND Flash
Network	1 internal FE PHY or external Gigabits Ports
Peripherals	1xSATA3, 2xUSB2 3xI2S, 3xUART, 1xI2C, 1xIR, GPIO
Package	TFBGA341, 14mmx14mm Working temperature: -20°C~70°C
Others	Typical power consumption: 2W Power supply: Analog: 3.3v, IO: 3.3v/1.8v, Digital: CPU-1.0v, CORE-0.9v

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