

**DSP Based**

## Standalone DVR Solution

**“ RT-8016HD ”**

Provide you with clean and high-definition digital images and fast recording experiences.

Featured with Real Time OS and Embedded MCU, the new RITRON Network DVR is an excellent digital surveillance product, with an integration of digital video recorder (DVR) and digital video server (DVS). The most incredible highlights for this Network DVR include: each video input can max support D1 resolution real time, using the state of the art H.264 video compression algorithm; support multi-zone motion detection and mask function to mask sensitive area; support network voice talk and local & remote control of PTZ

### ▣ Features

- H.264 Video Compression
- Support 8 SATA HDD and can support Maximun 16TB
- Support 16 channel synchronous playback
- Support TCP,UTP,RTP,Multicast,DHCP.etc
- Support Dual Stream
- Support DDNS
- Support ADSL (PPPoE) dialup function
- Support network voice talk

## Specification

Model name	RT-8016HD
Video Compression	H.264
Dual Stream	Support
Preview resolution	4CIF real time (PAL: 704*576, NTSC: 740*480)
Playback resolution	2CIF/CIF/QCIF real time, 4CIF@12fps, DCIF@15fps
Video input	16/BNC(1.0Vp-p,75Ω)
Main video output	1 channel, BNC (1.0Vp-p,75Ω)
Aux video output	1 channel, BNC (1.0Vp-p,75Ω)
Frame rate	PAL: 1/16-25FPS, NTSC: 1/16-30FPS
Stream type	Video&Audio/Video
Max bit rate	32Kbps-2Mbps, self-define
Audio input	16/BNC (2.0Vp-p,1kΩ)
Main audio output	1 channel, BNC(Linear Electrical Level,600Ω)
	1 channel, BNC(Linear Electrical Level,600Ω)
Audio compression	OggVorbis,16kbps
Voice talk	1 channel, BNC(Linear Electrical Level,1KGΩ)
Communication interface	1 RJ 10M/100M Self-adaptive Ethernet Interface/ 1 RJ RS 232 Port
RS-485 Port	1 Port (T+,T-,R+,R-)
Keyboard interface	1 Port (D+,D-)
SATA interface	8
USB interface	1 USB interface, USB1.1, can support USB flash memory, USB HDD and USB CD-R/W
VGA interface	1 VGA interface, support resolution: 800x600/60Hz, 1024x768/60Hz, 1280x1024/60Hz
External alarm in	16
Relay output	4
Power supply	100~240VAC, 6.3A, 50~60Hz
Power consumption	20-42W (without HDD and CD-R/W)
Working temperature	-10°C~+55°C
Working humidity	10%-90%
Size	19" Standard (450mm*450mm*95mm)
Weight	≤8kg (without HDD and CD-R/W)

## Typical Linkage

