



EMBEDDED HYBRID DVR

- H.264 video compression
- Third-party network cameras supported
- Up to 5 Megapixels resolution recording
- HDMI and VGA output at up to 1920×1080P resolution
- 8/16-ch synchronous playback
- HDD quota and group management
- Dual Gigabit network interfaces
- RAID 0,1,5,10 supported(DS-9004/08/16)

EMBEDDED HYBRID DVR

Description	Specifications		
	DS-9004	DS-9008	DS-9016
Video / Audio input			
Video compression	H.264		
Analog Video input	4-ch, BNC (1.0 Vp-p, 75 Ω), PAL / NTSC self-adaptive	8-ch, BNC (1.0 Vp-p, 75 Ω), PAL / NTSC self-adaptive	16-ch, BNC (1.0 Vp-p, 75 Ω), PAL / NTSC self-adaptive
IP Video input	8-ch	16-ch	32-ch
Composited video input	Up to 8-ch (Analog video + IP video)	Up to 16-ch (Analog video + IP video)	Up to 32-ch (Analog video + IP video)
Audio compression	OggVorbis		
Audio input	4-ch, RCA (2.0 Vp-p, 1 kΩ)	8-ch, Audio 1-4: RCA (2.0 Vp-p, 1 kΩ) Audio 5-8: DB26 connector	16-ch, Audio 1-4: RCA (2.0 Vp-p, 1 kΩ) Audio 5-16: DB26 connector
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 kΩ)		
Video / Audio output			
HDMI output	1-ch, resolution: 1920 × 1080P /60 Hz , 1920 × 1080P / 50 Hz, 1600 × 1200 /60 Hz, 1280 × 1024 /60 Hz, 1280 × 720 /60 Hz, 1024 × 768 /60 Hz		
VGA output	1-ch, resolution: 1920 × 1080P /60 Hz , 1600 × 1200 /60 Hz, 1280 × 1024 /60 Hz, 1280 × 720 /60 Hz, 1024 × 768 /60 Hz		
Playback resolution	5 Megapixels / 3Megapixels / 1080P / UXGA / 720P / 4CIF / VGA / DCIF / 2CIF / CIF / QCIF		
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
Video spot output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	4-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	4-ch, BNC(1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Video loop out	4-ch, BNC (1.0 Vp-p, 75 Ω)	8-ch, BNC (1.0 Vp-p, 75 Ω)	16-ch, BNC (1.0 Vp-p, 75 Ω)
Encoding resolution	4CIF / 2CIF / CIF / QCIF		
Frame rate	25fps (P) / 30fps (N)		
Video bit rate	32 Kbps-8192 Kbps, or user defined (Max. 8192 Kbps)		
Audio output	2-ch, RCA (2.0 Vp-p, 1 kΩ)		
Audio bit rate	16 Kbps		
Dual-stream	Support (Sub-stream at CIF / QCIF: 25 fps (P) / 30 fps (N))		
Stream type	Video, Video & Audio		
Synchronous playback	8-ch	16-ch	16-ch
Hard disk			
SATA	Up to 8 SATA interfaces		
eSATA	1 eSATA interface		
Capacity	Up to 4 TB capacity for each disk		
Disk Array			
Array type	RAID0, RAID1, RAID5, RAID10		
Number of array	4		
Number of virtual disk	8		
External interface			
Network interface	2, RJ45 10M / 100M / 1000M Ethernet interface		
Serial interface	1 RS-232 interface (for parameters configuration, maintenance, transparent channel);1 RS-485 interface (for PTZ control);1 RS-485 keyboard interface (for special keyboard control)		
USB interface	3, USB2.0		
Alarm in	4	16	16
Alarm out	2	4	4
General			
Power supply	100 – 240 VAC, 6.3A, 50 ~ 60Hz		
Consumption	≤ 35W	≤ 40W	≤ 45W
Working temperature	-10 °C ~+55 °C		
Working humidity	10% ~ 90%		
Chassis	19-inch rack-mounted 2U chassis		
Dimensions (W x D x H)	445 × 470 × 90 mm		
Weight	≤ 8kg (without hard disk or DVD-RW)		