



huperVision 4000 Flex-channel Server Board HM43 I6

huperLab Flex-channel Server Board is an all-in-one server board designed exclusively for today's CCTV and IP Surveillance Use. 4 real-time video capture chips are embedded seamlessly on the server board that guarantees easy installation, and improved compatibility. This unique Flex-channel Server Board allows for a variety of surveillance solutions, including DVR, hybrid DVR and NVR, to fulfill different requirements either from CCTV professional or emerging IP surveillance market.

- 4/8/16CH 120FPS/100FPS @ D1 Resolution
- High Quality H.264 Recording
- Support Hybrid DVR & IP Surveillance
- Easy Installation & Improved Compatibility
- Flexible Video Inputs & Easy Inventory Control
- DVR Optimizations to Lower Hardware Costs
- Bundled with huperVision 4000 Intelligent Video Analytics & CMS

No Additional
Capture Card
Required !

huperVision 4000 DVR (44316S)

- Connect 4, 8 or 16 analog cameras
- 120FPS/100FPS display & recording @D1 resolution
- H.264 high quality compression
- External AGC circuit enhances video quality in poor video signals
- Turbo capture mode doubles video capturing speed



huperVision NVR / Hybrid DVR (44316IP)

- Allow up to 16 IP camera connections, or 16 mixed video inputs (with a maximum of 4 analog cameras)
- Flexible combination of IP and analog cameras
- Support a wide range of IP cameras



Product Model

Product Model	44316S	44316IP
Video Inputs	4/8/16 (analog)	Up to 16 video inputs with any combination of analog and IP cameras
Audio Inputs	4	4
Display & Recording Rates	120FPS/100FPS (NTSC/PAL)	Up to Real-time Frame Rates
GPIO	16	16
Surveillance Software	huperVision 4000 Intelligent Surveillance Software Suite	

Server Board Specifications

Server Board Specifications	
Item	Description
CPU Support	Intel® Core™ 2 Duo/Pentium D/Pentium 4/Celeron D
Chipset	Intel® 945GC + ICH7R
FSB	1066/800/533 MHz
Memory Type	DDR2 400/533/667/800 (Dual Channel)
Max. Memory	2 GB
Memory Slot	DIMM*2
Expansion Slots	PCI-E 16X x 1 / PCI x 1
Video In	Max. 16CH Video Inputs
Graphics	Intel Integrated Graphic GMA 950
Storage Interface	IDE (Primary/Slave)*1 / S-ATA*4
LAN	Dual 10/100/1000 LAN (RTL8111*2)
Audio	AC97 (Realtek ALC655)
Internal I/O	USB2.0*2 / Front Audio*1 / COM*1
Rear I/O	USB2.0*4 / PS2*2 / LAN*2 / Audio*3 / COM*1 / Up to 16CH Video In (LPT Port)*1
Form Factor	Micro ATX

Digital Video Specifications

Item	Description
Video Inputs	4-16
Audio Inputs	4
Video Resolution	720x480HD/720x576HD, 720x480/720x576, 720x240, 640x480HD, 640x480, 640x240, 320x240
Display Rate (NTSC/PAL)	120FPS/100FPS (D1 resolution)
Recording Rate (NTSC/PAL)	120FPS/100FPS* (*Recording rates may vary by system configurations)
GPIO	16
Watch Dog	Yes, hardware & software reset for anti-freeze protection



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