





huperVision 4000 True Hybrid DVR / NVR Card



Small, Low Power & True Hybrid

huperVision 4000 True Hybrid DVR / NVR Card series is huperLab's PC-based, hybrid DVR/NVR surveillance product bundled with huperVision 4000 Intelligent surveillance software suite. With the design of low power and low profile, huperLab's True Hybrid DVR cards can easily reduce electricity expense and fit a variety of hardware configurations for different markets. All huperLab surveillance cards are STACKABLE and TRUE HYBRID which allows any combination of analog and IP cameras, while the NVR license keys are also freely added for system expansion.

- ⦿ Low profile card design with industrial solid capacitors
- ⦿ Surge protection design decreases the system damages resulting from lightning strike
- ⦿ Low power consumption
- ⦿ Onboard TV-out support
- ⦿ True hybrid supports any combination of analog and IP camera connections
- ⦿ 64CH & onboard multi-quad support
- ⦿ Bundled with huperVision 4000 Intelligent Surveillance Software Suite


■ huperVision True Hybrid DVR Cards

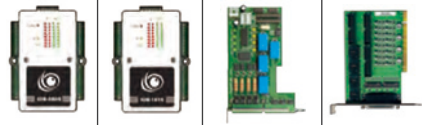

Product Model	4716Q Series DVR Cards				4708Q Series DVR Cards			
	4716Q-480	4716Q-240	4716Q-120	4716Q-60	4708Q-240	4708Q-120	4708Q-60	4708Q-30
Product Image								
Video Input (Analog)	16				8			
Audio Input	16				8			
Display Rate (NTSC/PAL)	480FPS /400FPS @ D1				240FPS /200FPS @ D1			
Total Recording Rate (NTSC/PAL)								
720x480 / 720x576	480/400FPS	240/200FPS	120/100FPS	64/64FPS	240/200FPS	120/100FPS	60/50FPS	32/32FPS
720X240/ 720x288	480/400FPS	480/400FPS	240/200FPS	120/100FPS	240/200FPS	240/200FPS	120/100FPS	60/50FPS
320x240	480/400FPS	480/400FPS	480/400FPS	240/200FPS	240/200FPS	240/200FPS	240/200FPS	120/100FPS
TV-Out Support *	4				2			
Bonus IP	16	16	16	4	8	8	8	2
GPIO	8	8	8	8	8	8	8	8
PC Interface	PCI Express x 4				PCI Express x 1			
Card Dimension	6.24" x 3.12" / 16 x 8cm				5.07" x 3.12" / 13 x 8cm			
Surveillance Software	huperVision 4000 Intelligent Surveillance Software Suite				huperVision 4000 Intelligent Surveillance Software Suite			

Product Model	4704Q Series DVR Cards				4704Q-Me Series DVR Cards			
	4704Q-120	4704Q-60	4704Q-30	4704Q-15	4704Q-Me-120	4704Q-Me-60	4704Q-Me-30	4704Q-Me-15
Product Image								
Video Input (Analog)	4				4			
Audio Input	4				1			
Display Rate (NTSC/PAL)	120FPS /100FPS @ D1				120FPS /100FPS @ D1			
Total Recording Rate (NTSC/PAL)								
720x480 / 720x576	120/100FPS	60/50FPS	30/25FPS	16/16FPS	120/100FPS	60/50FPS	30/25FPS	16/16FPS
720X240/ 720x288	120/100FPS	120/100FPS	60/50FPS	30/25FPS	120/100FPS	120/100FPS	60/30FPS	30/25FPS
320x240	120/100FPS	120/100FPS	120/100FPS	60/50FPS	120/100FPS	120/100FPS	120/100FPS	60/50FPS
TV-Out Support *	2				Unavailable			
Bonus IP	4	4	4	1	4	4	4	1
GPIO	8	8	8	8	4	4	4	4
PC Interface	PCI Express x 1				Mini PCI Express (PCIe x 1)			
Card Dimension	4.4" x 2.54" / 11.18 x 6.44cm				1.99" x 1.17" / 5.1 x 3cm			
Surveillance Software	huperVision 4000 Intelligent Surveillance Software Suite				huperVision 4000 Intelligent Surveillance Software Suite			

■ NVR License Key (External / Internal)

■ DVR Accessories

Product Model	4064IP	4032IP	4016IP	4008IP	4004IP
Product Image					
Video Input	64	32	16	8	4
Audio Input	64	32	16	8	4
PC Interface	USB 1.0 - 2.0				
Architecture	64-bit OS Support				
Surveillance Software	huperVision 4000 Intelligent Surveillance Software Suite				

Product Model	IOB-0805	IOB-1616	IOC-0404P	LB-16	Product Model	IOU-4851
Product Image						
Video Consumption	5W	5W	200W	-	Power	No external power supply
Relay Output	5	16	4	-	Speed	Up to 115.2kbps for 1.2KM
Alarm Input	8	16	4 (Optical Isolation)	-	TVS Protection for RS-422 /RS485	±30A, IEC 61000-4-5, Surge (9/20us)
Video Input	-	-	-	16	Support OS	Win98/2000/XP /2003 Server/Vista/Win7
Video Output	-	-	-	16	Interface	RS-422/485
Interface / IO Control	RS232 / RS485	RS232 / RS485	PCI	-	Connector	General internal USB pin head

- Note : 1. * TV-out cable with bracket is optional, only 4704Q series includes its cable in standard package.
 2. The 16CH audio connector is not included in the standard package, and requires extra purchase.
 3. Product specifications and pictures are subject to change without prior notice.
 4. Display & recording rates present the maximum frame rates per card. The extra frame rates may vary across hardware environments.



Huper Laboratories Co., Ltd.

Address: 10F, No. 577, Linsen N. Rd. Taipei 104, Taiwan
 Tel: +886-2-2599-4041 Fax: +886-2-2599-4161
 http://www.huperlab.com E-mail: sales@huperlab.com