




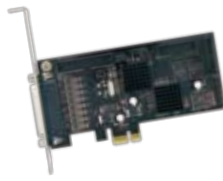

huperVision 4000 True Hybrid DVR huperVision 4000 NVR Card


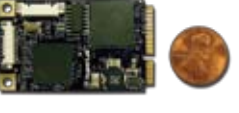
Small, Low Power & True Hybrid

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 to be 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 support with any combination of analog and IP camera connections
- ⦿ 64CH & onboard multi-quad support
- ⦿ Bundled with huperVision 4000 Intelligent Surveillance Software Suite

■ huperVision Real-time D1 Premium DVR Cards


Product Model	4716Q Series DVR Cards				4708Q Series DVR Cards				4704Q Series DVR Cards	
	4716Q-480	4716Q-240	4716Q-120	4716Q-60	4708Q-240	4708Q-120	4708Q-60	4708Q-30	4704Q-120	
Models Image										
Video Input (Analog)	16				8				4	
Audio Input	16				8				4	
Display Rate (NTSC/PAL)	480FPS /400FPS @ D1				240FPS /200FPS @ D1				120FPS /100FPS @ D1	
Total Recording Rate (NTSC/PAL)										
720x480 / 720x576	480/400FPS	240/200FPS	120/100FPS	64/64FPS	240/200FPS	120/100FPS	60/50FPS	32/32FPS	120/100FPS	60/50FPS
720X240/ 720x288	480/400FPS	480/400FPS	240/200FPS	120/100FPS	240/200FPS	240/200FPS	120/100FPS	60/50FPS	120/100FPS	120/100FPS
320x240	480/400FPS	480/400FPS	480/400FPS	240/200FPS	240/200FPS	240/200FPS	240/200FPS	120/100FPS	120/100FPS	120/100FPS
TV-Out Support *	4				2				2	
Max. IP CH Support	16	16	16	4	8	8	7	2	4	4
GPIO	8	8	8	8	8	8	8	8	8	8
Video Compression Format	H.264 /HM(MPEG-4 Like) / Motion-JPEG									
PC Interface	PCI Express x 4				PCI Express x 1				PCI Express x 1	
Card Dimension	6.24" x 3.12" / 16 x 8cm				5.07" x 3.12" / 13 x 8cm				4.4" x 2.54" / 11.18 x 6.44cm	
Surveillance Software	huperVision 4000 Intelligent Surveillance Software Suite									

Product Model	4704Q Series DVR Cards		4704Q-Me Series DVR Cards			
	4704Q-30	4704Q-15	4704Q-Me-120	4704Q-Me-60	4704Q-Me-30	4704Q-Me-15
Models 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	30/25FPS	16/16FPS	120/100FPS	60/50FPS	30/25FPS	16/16FPS
720X240/ 720x288	60/50FPS	30/25FPS	120/100FPS	120/100FPS	60/30FPS	30/25FPS
320x240	120/100FPS	60/50FPS	120/100FPS	120/100FPS	120/100FPS	60/50FPS
TV-Out Support *	2		Unavailable			
Max. IP CH Support	4	1	4	4	4	1
GPIO	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					





■ DVR Accessories

Product Model	IOU-4871
Models Image	
Power	No external power supply
Speed	Up to 115.2kbps for 1.2KM
TVS Protection for RS-422 /RS485 connection	±30kV, IEC 61000-4-2, Contact / Air Discharge ±88A, IEC 6100-4-4, EFT (5/50ns) ±30A, IEC 61000-4-5, Surge (9/20us)
Support OS	Windows 98, ME, 2000, XP, 2003 Server, Vista, Win 7
Interface	4 wire RS422(TxD+/-, RxD+/-) 2 wire RS485 (DATA+, DATA-)
Connectors	General internal USB pin head

■ NVR License Key (External / Internal)**

Product Model	4064IP-UE	4032IP-UE	4016IP-UE	4008IP-UE	4004IP-UE
	4064IP-UI	4032IP-UI	4016IP-UI	4008IP-UI	4004IP-UI
Model 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				

■ DVR Accessories

Product Model	IOB-0805	IOB-1616	IOC-0404P	LB-16
Model Image				
Video Consumption	5W	64	200W	-
Relay Output	5	64	4	-
Alarm Input	8	64	4 (Optical Isolation)	-
Video Input	-	-	-	16
Video Output	-	-	-	16
Interface / IO Control	64	64	64	-

- Note : 1. * TV-out cable with bracket is optional, only 4704Q series includes its cable in standard package.
 2. ** "I" from "440xP-UI" stands for Internal USB Key while "E" from "440xP-UE" stands for External one.
 3. The 16CH audio connector is not included in the standard package, and requires extra purchase.
 4. Product specifications and pictures are subject to change without prior notice.
 5. Display & recording rates present the maximum frame rates per card. The extra frame rates may vary across hardware environments.