

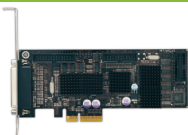
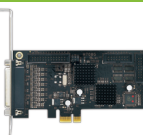





huperVision DVR & IP Surveillance Product Line Up

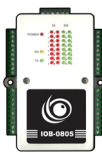
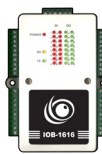
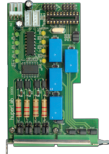
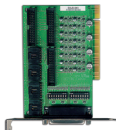
huperVision 4000		Hybrid DVR/NVR							
									
		Vento 532Q-960	Vento 532Q-480	Vento 532Q-240	Vento 532Q-120	Vento 516Q-480	Vento 516Q-240	Vento 516Q-120	
Features		<ul style="list-style-type: none"> Up to 32CH Real-time video display Micro-ATX Form Factor True Hybrid Interface design 8 Spot monitor TV-out support 				<ul style="list-style-type: none"> Up to 16CH Real-time video display Micro-ATX Form Factor True Hybrid Interface design 8 Spot monitor TV-out support 			
Video Input		32				16			
Audio Input		32				16			
Display Rate (NTSC/PAL)		960/800FPS @ D1				480/400FPS @ D1			
Recording Rate (NTSC/PAL)	720x480 / 720x576	960 / 800FPS	480 / 400FPS	240 / 200FPS	120 / 100FPS	480 / 400FPS	240 / 200FPS	120 / 100FPS	
	640x480	960 / 800FPS	960 / 800FPS	480 / 400FPS	240 / 200FPS	480 / 400FPS	480 / 400FPS	240 / 200FPS	
	320x240	960 / 800FPS	960 / 800FPS	960 / 800FPS	480 / 400FPS	480 / 400FPS	480 / 400FPS	480 / 400FPS	
Borus IP		32	32	32	8	16	16	16	
GPIO		16				16			
Processor		2nd Generation Intel® Core™ Processor Family				2nd Generation Intel® Core™ Processor Family			


huperVision 4000		Hybrid DVR/NVR				Hybrid DVR/NVR			
									
		4716Q-480	4716Q-240	4716Q-120	4716Q-60	4708Q-240	4708Q-120	4708Q-60	4708Q-30
Features		<ul style="list-style-type: none"> Low profile design D1 real-time display Allows CCTV and IP camera connections Spot monitor TV-Out support Stackable cards 				<ul style="list-style-type: none"> Low profile design D1 real-time display Allows CCTV and IP camera connections 2 Spot monitor TV-Out support Stackable cards 			
Video Input		16				8			
Audio Input		16				8			
Display Rate (NTSC/PAL)		480/400FPS @D1				240/200 FPS @ D1			
Recording Rate (NTSC/PAL)	720x480 / 720x576	480 / 400FPS	240 / 200FPS	120 / 100FPS	64 / 64FPS	240 / 200FPS	120 / 100FPS	60 / 50FPS	32 / 32FPS
	640x480	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
Borus IP		16	16	16	16	8	8	8	2
GPIO		8				8			
PC Interface		PCI Express x 4				PCI Express x 4			


huperVision 4000		Hybrid DVR/NVR				Hybrid DVR/NVR			
									
		4704Q-120	4704Q-60	4704Q-30	4704Q-15	4704Q-Me-120	4704Q-Me-60	4704Q-Me-30	4704Q-Me-15
Features		<ul style="list-style-type: none"> Low profile design D1 real-time display Allows CCTV and IP camera connections 2 Spot monitor TV-Out support Stackable cards 				<ul style="list-style-type: none"> Low profile design D1 real-time display Allows CCTV and IP camera connections 1 Spot monitor TV-Out support Stackable cards Compact size for mobile DVR or POS DVR use 			
Video Input		4				4			
Audio Input		4				1			
Display Rate (NTSC/PAL)		120/100FPS @ D1				120/100FPS @ D1			
Recording Rate (NTSC/PAL)	720x480 / 720x576	120 / 100FPS	60 / 50FPS	30 / 25FPS	16FPS/16FPS	120 / 100FPS	60 / 100FPS	30 / 25FPS	16 / 16FPS
	640x480	120 / 100FPS	120 / 100FPS	60 / 50FPS	30 / 25FPS	120 / 100FPS	120 / 100FPS	60 / 100FPS	30 / 25FPS
	320x240	120 / 100FPS	120 / 100FPS	120 / 100FPS	60 / 50FPS	120 / 100FPS	120 / 100FPS	120 / 100FPS	60 / 100FPS
Borus IP		4	4	4	1	4	4	4	1
GPIO		8				4			
PC Interface		PCI Expressx1				PCI Express x 1			



huperVision DVR & IP Surveillance Product Line Up

		Mini-PCI DVR	
huperVision 4000			
		4404S-M	
Features		<ul style="list-style-type: none"> • Mini-card design compatible with small form factor platforms • Easy integration to different systems • 1CH/2CH/4CH flexible video 	
Video / Audio Input		4 / 1	
Display Rate (NTSC/PAL)		120/100FPS @ D1	
Recording Rate (NTSC/PAL)	720x480 / 720x576	30 / 25FPS	
	640x480	30 / 25FPS	
	320x240	30 / 25FPS	
Bonus IP		1	
Surveillance Software		huperVision 4000 Intelligent Video Surveillance Software Suite	
PC Interface		PCI	

		DVR Accessories			
					
		IOB-0805	IOB-1616	IOC-0404P	LB-16
Power Consumption		5W	5W	200W	—
Relay Output		5	16	4	—
Alarm Input		8	16	4 (Optical Isolation)	—
Video Input		—	—	—	16
Video Output		—	—	—	16
Interface / IO Control		RS232/RS485	RS232/RS485	PCI	—

		NVR (External / Internal) *				
huperVision 4000						
		4064IP - UE	4032IP - UE	4016IP - UE	4008IP - UE	4004IP - UE
		4064IP - UI	4032IP - UI	4016IP - UI	4008IP - UI	4004IP - UI
Features		<ul style="list-style-type: none"> • 64-bit OS support • Greater convenience and flexibility • Easy to install and set up • Rich intelligent video analytics 				
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	
			
		IOU-4851	
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	

		IVS (External) **					IVS (Internal) **				
huperVision 4000											
		HK001-64-E	HK001-32-E	HK001-16-E	HK001-08-E	HK001-04-E	HK001-64-I	HK001-32-I	HK001-16-I	HK001-08-I	HK001-04-I
Features		<ul style="list-style-type: none"> • 64-bit OS support • Greater convenience and flexibility • Easy to install and set up • Rich intelligent video analytics 					<ul style="list-style-type: none"> • 64-bit OS support • Greater convenience and flexibility • Easy to install and set up • Rich intelligent video analytics 				
Video Input		64	32	16	8	4	64	32	16	8	4
Audio Input		64	32	16	8	4	64	32	16	8	4
PC Interface		USB 1.0 - 2.0					USB 1.0 - 2.0				
Architecture		64-bit OS support					64-bit OS support				
Surveillance Software		***huperVision 4000 Intelligent Surveillance Software Suite					huperVision 4000 Intelligent Surveillance Software Suite				

- Note : 1. * "I" from "440xP-UI" stands for Internal USB Key while "E" from "440xP-UE" stands for External one.
 2. ** "E" from "HK001-XX-E" stands for external USB Key while "I" from "HK001-XX-I" stands for Internal one.
 3. *** huperVision 4000 intelligent surveillance software suite provides full-featured features, such as scene change detection, flow counting, people counter, virtual fence detection, etc.



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