



HANBANG®

# HB6004 / HB6004V Professional Standalone DVR



ITEM	SPECIFICATION	
Model	Professional Standalone DVR	
	HB6004	HB6004V
Operation System	Real Time Operation System	
Video Input	4 channels composite video input	
Video Output	1 BNC video output	
	1 VGA output	
Audio Input	4 channels audio input	N/A
Audio Output	1 BNC audio output	N/A
Total Frames	PAL: 100 fps / NTSC: 120 fps	
Compression Algorithm	Video: H.264 / Audio: G.722	
Record Resolution	CIF: PAL (352*288), NTSC (352*240)	
Preview Resolution	BNC: 704*576 (PAL) / 704*480 (NTSC)	
	VGA: 1024*768	
Image Quality	6 levels optional	
HDD	4 SATA interfaces	
Alarm Input	4 alarm inputs	
Alarm Output	2 alarm outputs	
Backup Interface	High Speed SATA / Remote Backup	
Network Interface	RJ45 10M/100M Ethernet Interface	
I/O Interface	RS485 for PTZ	
Other Functions	Watchdog / Dual Stream / PPPoE / DHCP / DDNS	
Power Supplier	220±30% V, 50±3% Hz or 110±20% V, 60±3% Hz	
Power Consumption	20W (without hard disk)	
Work Temperature	-10℃ ~ +55℃	
Working Humidity	10% ~ 90%	
Dimension	450mm*420mm*120mm	
Gross weight	10KG ( without hard disk)	



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# HB6008 / HB6008V Professional Standalone DVR



ITEM	SPECIFICATION	
Model	Professional Standalone DVR	
	HB6008	HB6008V
Operation System	Real Time Operation System	
Video Input	8 channels composite video input	
Video Output	1 BNC video output	
	1 VGA output	
Audio Input	8 channels audio input	N/A
Audio Output	1 BNC audio output	N/A
Total Frames	PAL: 200 fps / NTSC: 240 fps	
Compression Algorithm	Video: H.264 / Audio: G.722	
Record Resolution	CIF: PAL (352*288), NTSC (352*240)	
Preview Resolution	BNC: 704*576 (PAL) / 704*480 (NTSC)	
	VGA: 1024*768	
Image Quality	6 levels optional	
HDD	8 SATA interfaces	
Alarm Input	8 alarm inputs	
Alarm Output	4 alarm outputs	
Backup Interface	USB2.0 / High Speed SATA / Remote Backup	
Network Interface	RJ45 10M/100M Ethernet Interface	
I/O Interface	RS485 for PTZ	
Other Functions	Watchdog / Dual Stream / PPPoE / DHCP / DDNS	
Power Supplier	220±30% V, 50±3% Hz or 110±20% V, 60±3% Hz	
Power Consumption	25W (without hard disk)	
Work Temperature	-10℃ ~ +55℃	
Working Humidity	10% ~ 90%	
Dimension	450mm*420mm*120mm	
Gross weight	10KG ( without hard disk)	



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# HB6016 / HB6016V Professional Standalone DVR



ITEM	SPECIFICATION	
Model	Professional Standalone DVR	
	HB6016	HB6016V
Operation System	Real Time Operation System	
Video Input	16 channels composite video input	
Video Output	1 BNC video output	
	1 VGA output	
Audio Input	16 channels audio input	N/A
Audio Output	1 BNC audio output	N/A
Total Frames	PAL: 400 fps / NTSC: 480 fps	
Compression Algorithm	Video: H.264 / Audio: G.722	
Record Resolution	CIF: PAL (352*288), NTSC (352*240)	
Preview Resolution	BNC: 704*576 (PAL) / 704*480 (NTSC)	
	VGA: 1024*768	
Image Quality	6 levels optional	
HDD	8 SATA interfaces	
Alarm Input	9 alarm inputs	
Alarm Output	4 alarm outputs	
Backup Interface	USB2.0 / High Speed SATA / Remote Backup	
Network Interface	RJ45 10M/100M Ethernet Interface	
I/O Interface	RS485 for PTZ	
Other Functions	Watchdog / Dual Stream / PPPoE / DHCP / DDNS	
Power Supplier	220±30% V, 50±3% Hz or 110±20% V, 60±3% Hz	
Power Consumption	30W (without hard disk)	
Work Temperature	-10°C ~ +55°C	
Working Humidity	10% ~ 90%	
Dimension	450mm*420mm*120mm	
Gross weight	10KG ( without hard disk)	



# HB8004/HB8204 Professional Standalone DVR



ITEM	SPECIFICATION	
Model	Professional Standalone DVR	
	HB8004	HB8204
Operation System	Real Time Operation System	
Video Input	4 channels composite video input	
Video Output	1 BNC video output	
	1 VGA output	
	Loop video output	
Audio Input	4 channels audio input	
Audio Output	1 BNC audio output	
	Loop audio output	
Total Frames	PAL: 100 fps / NTSC: 120 fps	
Compression Algorithm	Video: H.264 / Audio: G.722	
Record Resolution	CIF (PAL: 352*288 NTSC: 352*240)	FULL D1 ( PAL:704*576 NTSC: 704*480)
Preview Resolution:	BNC: 704*576 (PAL) / 704*480 (NTSC)	
	VGA: 800*600	
Image Quality	6 levels optional	
HDD	4 SATA interfaces	
Alarm Input	4 alarm inputs	
Alarm Output	4 alarm outputs	
Backup Interface	USB2.0 / High Speed SATA / Remote Backup, CD-RW or DVD-RW (Optional)	
Network Interface	RJ45 10M/100M Ethernet Interface	
I/O Interface	RS232 / RS485 for PTZ	
	PS/2 for Mouse	
Other Functions	Watchdog / Dual Stream / PPPoE / DHCP / DDNS	
Power Supplier	220±30% V, 50±3% Hz or 110±20% V, 60±3% Hz	
Power Consumption	20W (without hard disk)	
Work Temperature	-10℃ ~ +55℃	
Work Humidity	10% ~ 90%	
Dimension	440mm*420mm*100mm	
Gross weight	10KG ( without hard disk)	



# HB8008/HB8208 Professional Standalone DVR



ITEM	SPECIFICATION	
<b>Model</b>	<b>Professional Standalone DVR</b>	
	<b>HB8008</b>	<b>HB8208</b>
<b>Operation System</b>	Real Time Operation System	
<b>Video Input</b>	8 channels composite video input	
<b>Video Output</b>	1 BNC video output	
	1 VGA output	
	Loop video output	
<b>Audio Input</b>	8 channels audio input	
<b>Audio Output</b>	1 BNC audio output	
	Loop audio output	
<b>Total Frames</b>	PAL: 200 fps / NTSC: 240 fps	
<b>Compression Algorithm</b>	Video: H.264 / Audio: G.722	
<b>Record Resolution</b>	CIF (PAL: 352*288 NTSC: 352*240)	FULL D1 ( PAL:704*576 NTSC: 704*480)
	BNC: 704*576 (PAL) / 704*480 (NTSC)	
<b>Preview Resolution:</b>	VGA: 800*600	
<b>Image Quality</b>	6 levels optional	
<b>HDD</b>	8 SATA interfaces	
<b>Alarm Input</b>	8 alarm inputs	
<b>Alarm Output</b>	4 alarm outputs	
<b>Backup Interface</b>	USB2.0 / High Speed SATA / Remote Backup, CD-RW or DVD-RW (Optional)	
<b>Network Interface</b>	RJ45 10M/100M Ethernet Interface	
<b>I/O Interface</b>	RS232 / RS485 for PTZ	
	PS/2 for Mouse	
<b>Other Functions</b>	Watchdog / Dual Stream / PPPoE / DHCP / DDNS	
<b>Power Supplier</b>	220±30% V, 50±3% Hz or 110±20% V, 60±3% Hz	
<b>Power Consumption</b>	25W (without hard disk)	
<b>Work Temperature</b>	-10℃ ~ +55℃	
<b>Work Humidity</b>	10% ~ 90%	
<b>Dimension</b>	440mm*420mm*100mm	
<b>Gross weight</b>	10KG ( without hard disk)	



# HB8016/HB8216 Professional Standalone DVR



ITEM	SPECIFICATION	
<b>Model</b>	<b>Professional Standalone DVR</b>	
	<b>HB8016</b>	<b>HB8216</b>
<b>Operation System</b>	Real Time Operation System	
<b>Video Input</b>	16 channels composite video input	
<b>Video Output</b>	1 BNC video output	
	1 VGA output	
	Matrix video output	
<b>Audio Input</b>	16 channels audio input	
<b>Audio Output</b>	1 BNC audio output	
	Matrix audio output	
<b>Total Frames</b>	PAL: 400 fps / NTSC: 480 fps	
<b>Compression Algorithm</b>	Video: H.264 / Audio: G.722	
<b>Record Resolution</b>	CIF (PAL: 352*288 NTSC: 352*240)	FULL D1 ( PAL:704*576 NTSC: 704*480)
	BNC: 704*576 (PAL) / 704*480 (NTSC)	
<b>Preview Resolution:</b>	VGA: 800*600	
<b>Image Quality</b>	6 levels optional	
<b>HDD</b>	8 SATA interfaces	
<b>Alarm Input</b>	8 alarm inputs	
<b>Alarm Output</b>	4 alarm outputs	
<b>Backup Interface</b>	USB2.0 / High Speed SATA / Remote Backup, CD-RW or DVD-RW (Optional)	
<b>Network Interface</b>	RJ45 10M/100M Ethernet Interface	
<b>I/O Interface</b>	RS232 / RS485 for PTZ	
	PS/2 for Mouse	
<b>Other Functions</b>	Watchdog / Dual Stream / PPPoE / DHCP / DDNS	
<b>Power Supplier</b>	220±30% V, 50±3% Hz or 110±20% V, 60±3% Hz	
<b>Power Consumption</b>	30W (without hard disk)	
<b>Work Temperature</b>	-10℃ ~ +55℃	
<b>Work Humidity</b>	10% ~ 90%	
<b>Dimension</b>	440mm*420mm*100mm	
<b>Gross weight</b>	10KG ( without hard disk)	



# HB7004 Home Edition Standalone DVR



ITEM	SPECIFICATION
<b>Model</b>	<b>HB7004 Home Edition Standalone DVR</b>
<b>Operation System</b>	Real Time Operation System
<b>Video Input</b>	4 channels composite video input
<b>Video Output</b>	1 BNC video output 1 VGA output
<b>Audio Input</b>	4 channels audio input
<b>Audio Output</b>	1 BNC audio output
<b>Total Frames</b>	PAL: 100 fps / NTSC: 120 fps
<b>Compression Algorithm</b>	Video: H.264 / Audio: G.722
<b>Record Resolution</b>	CIF (PAL: 352*288 / NTSC: 352*240)
<b>Preview Resolution:</b>	BNC: 704*576 (PAL) / 704*480 (NTSC) VGA: 800*600
<b>Image Quality</b>	6 levels optional
<b>HDD</b>	1 SATA interface
<b>Alarm Input</b>	4 alarm inputs
<b>Alarm Output</b>	1 alarm outputs
<b>Backup Interface</b>	USB2.0 / Remote Backup
<b>Network Interface</b>	RJ45 10M/100M Ethernet Interface
<b>I/O Interface</b>	RS485 for PTZ PS/2 for Mouse
<b>Other Functions</b>	Watchdog / Dual Stream / PPPoE / DHCP / DDNS
<b>Power Supplier</b>	220±30% V, 50±3% Hz or 110±20% V, 60±3% Hz
<b>Power Consumption</b>	10W (without hard disk)
<b>Work Temperature</b>	-10℃ ~ +55℃
<b>Work Humidity</b>	10% ~ 90%
<b>Dimension</b>	325mm*200mm*55mm
<b>Gross weight</b>	2KG ( without hard disk)