AHB 7016F4-M

（To prevail in kind）

Feature：

- **HD iDVR Three in one:** DVR / HVR / NVR features 3-in-1, multi-mode input, support sixteen analog video encoding, support for high-definition video mixing analog inputs + network support pure HD network video input.

- **Step on the Internet：** With XM cloud service, easy to achieve a variety of network penetrations ,one step to remote monitoring, getting rid of various complicated network settings, easy and simple to operate.

- **Compression algorithm ideal：** H.264 High Profile compression algorithm,30% decrease of stream due to advanced space-time filtering technology.

- **Playback quality:** Supports full real-time encoding video, full real-time playback of multi-channel synchronous decoding.

- **Main and Sub Stream：** Main stream and Sub-stream encoding. Main stream for local storage, ensure image quality; Sub-stream for real-time network transmission, easy to solve bandwidth bottleneck problem.

- **Mobile monitor:** Support various mobile monitoring（iPhone, Windows Mobile, BlackBerry, Symbian, Android）.

- **Display:** VGA 、HDMI HD output simultaneously,support VGA 、HDMI 1080p HD output,lead the technology of HD resolution.

- **Operation interface：** Similar to Windows operating style, easy to get started with powerful mouse right-click function.

- **Network：** Powerful network services (support DHCP, PPPOE, FTP, DNS, DDNS, EMAIL,IP searches etc.) And perfect support (WEB, Client, SDK), easy to achieve interoperability.

- **Browsers：** Support IE、Chrome、Firefox、Safari browsers.

- **Remote Access：** With DNS (ARSP),easy to monitor remotely,3322 (Greek network), dyndns, oray (peanut shells), myq-see and other DNS are also provided.

- **Differentiation:** Boot screen free replacement, more than twenty languages, over 10 sets of GUI interface, ten kinds of remote control, which make our products different from others.

- **Others：** With unique black box technology, the whole process can be monitored, which greatly reduces maintenance costs.

Specification：

Model		AHB7016F4-M
System	Main processor	Hi3531+Hi3532
	Operating system	embedded Linux
	System resources	Simultaneously multi-channel real-time recording, playback, network operation, USB backup
Interface	Operator interface	support 16-bit true color graphical menu interface and mouse operation
	Preview	1/4/8/9/16
Video	Codec	H.264
	Monitor quality	VGA,HDMI：HD
	Playback quality	AHD-M/ AHD-L /D1
	Encode ability	16*AHD-M
	Decode ability	16*AHD-M
	Multi-mode input	analog: 16*AHD-M；16*AHD-L； hybrid: 4*720P (analog) + 4*720P(network) 8*720P (analog) + 8*720P(network) Network only：8*720P+1*1080P；4*1080P；20*960H；
	Motion Detection	Each screen can be set to 192 (16 * 12) detection areas; multi-level sensitivity can be set (Limited local channel)
Audio	Audio compression	G.711A
	Intercom	support
Record & playback	Record mode	manual>alarm>motion detection>timing
	Local Playback	16ch(local input mode)
	Search mode	Search by time, calendar, event, channel
Storage & backup	Space occupation	720P ~20G/ day*channel ;960H 12~20G/ day*channel;audio：691.2M/ day*channel
	Video storage	HDD, network
	Backup mode	Network, USBhard disk, USB burner, SATA burner
External Interface	Video input	16ch BNC
	Video output	1ch VGA, 1ch HDMI
	Loop Vout	N/A
	Audio input	16ch RCA
	Audio output	1ch RCA
	Alarm input	16ch
	Alarm output	4ch
	Network interface	RJ45 10M/100M/1000M
	PTZ control	1*RS485, 1*RS232,Support kinds of PTZ protocols
	USB	2* USB 2.0 ports
	HDD	4*SATA ports (Max 4TB/per)
	Wireless	3G, WIFI (extend via USB)

General	Power supply	12V/6A
	Power Consumption	<15W (without HDD)
	Temperature	0℃-＋55℃
	Humidity	10%－90%
	Working environment	86kpa－106kpa
	Dimension	286mm*148mm
	Weight	400g