AHB 7004T-MH

(To prevail in kind)

Features：

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

- **Surf the Internet by one-step：** Through XM cloud service, easy to achieve a variety of network penetrations ,one step to monitor remotely, gett rid of various complicated network settings.

- **Compression technology ：** H.264 High Profile compression algorithm,data rate has decreased 30% due to advanced space-time filtering technology.

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

- **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, Android).

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

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

- **Network technology：** Powerful network services (support DHCP, PPPOE, FTP, DNS, DDNS, NTP,UPNP,EMAIL,IP limits of authority and searches,alarm center etc.) And perfect support (WEB, Client, SDK), easy to achieve interconnection and interworking.

- **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.

- **Difference:** Boot screen is free to replace, more than 20 languages, over 10 sets of GUI interface, 10 kinds of remote control, which make our products different from others.

- **Others：** Protect circuit perfectly,the triple watch-dog can ensure device never crashed,with unique black box technology, the whole process can be monitored, which greatly reduces maintenance costs.

Specification：

	Model	AHB7004T-MH
System	Main processor	Hi3521
	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
Video	Codec	H.264
	Monitor quality	VGA,HDMI：HD
	Playback quality	AHD-H/ AHD-M /D1
	Encode ability	4*1080N/4*AHD-H@15fps
	Decode ability	4*1080N/4*AHD-H@15fps
	Multi-mode input	analog: 4*AHD-H；4*1080N；4*AHD-M； hybrid: 4*AHD-M（analog）+4*720P（network） Network only：2*1080P+2*720P;8*720P；
	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	4ch(local input mode)
	Search mode	Search by time, calendar, event, channel
Storage & backup	Space occupation	1080P 20~30G/day*channel;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	4ch BNC
	Video output	1ch VGA, 1ch HDMI
	Loop Vout	N/A
	Audio input	4ch RCA
	Audio output	1ch RCA
	Alarm input	0(Can be extended to 4ch)
	Alarm output	0(Can be extended to 1ch)
	Network interface	RJ45 10M/100M self-adaption
	PTZ control	1*RS485, Support kinds of PTZ protocols
	USB	2* USB 2.0 ports
	HDD	2*SATA ports (Max 4TB/per)
	Wireless	3G, WIFI (extend via USB)
General	Power supply	12V/4A

	Power Consumption	<15W (without HDD)
	Temperature	0℃-＋55℃
	Humidity	10%－90%
	Working environment	86kpa—106kpa
	Dimension	168mm*80mm
	Weight	186g