AHB 7016T-LM

（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, 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		AHB7016T-LM
System	Main processor	Hi3531
	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*1080N@15fps/16*AHD-M
	Decode ability	1*1080N/1*AHD-M
	Multi-mode input	analog: 16*1080N；16*AHD-M；8*AHD-M；16*AHD-L； hybrid: 4*AHD-M（analog）+4*720P（network） 8*AHD-M（analog）+8*720P（network） Network only：1*1080P+8*720P，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	4ch(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, USB hard disk, USB burner, SATA burner
External Interface	Video input	16ch BNC
	Video output	1ch VGA, 1ch HDMI
	Loop Vout	N/A
	Audio input	2ch RCA(Can be extended to 6ch)
	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 8TB/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	239mm*93mm
	Weight	280g