AICO
intelligent solutions

32-CH AHD DVR

1080P

Technical Features

H.264 MPEG-4/AVC   **HD**   **HDMI** HIGH-DEFINITION MULTIMEDIA INTERFACE

Main Features

- HD iDVR Three in one: DVR / HVR / NVR features 3-in-1, multi-mode input, support four 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: support VGA, HDMI HD output.
- 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： 3322 (Greek network), dyndns, oray (peanut shells), myq-see and other Domain Name Services 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.

	Model	**AIS-3296DVR**
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-H / AHD-M /D1
	Encode ability	16* AHD-H@ 12fps
	Decode ability	8* AHD-H@12fps
	Multi-mode input	analog: 16*AHD-H；16*AHD-M； hybrid: 4*720P (analog) + 4*720P(network) 2*1080P (analog) + 2*1080P(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	G711A
	Intercom	support
Record & playback	Record mode	manual>alarm>motion detection>timing
	Local Playback	8ch(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, USB hard disk, USB burner, SATA burner
External Interface	Video input	16ch BNC
	Video output	1ch VGA, 1ch HDMI
	Audio input	16ch RCA
	Audio output	1ch RCA
	Alarm input	8ch
	Alarm output	1ch
	Network interface	RJ45 10M/100M/1000M
	PTZ control	1*RS485, 1*RS232,Support kinds of PTZ protocols
	USB	2* USB 2.0 ports
	HDD	2*SATA ports (Max 6TB/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

FC   CE   RoHS

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