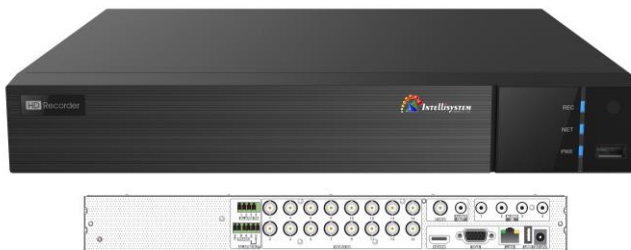# IT-612H-RVA-AHD

AHD AVR

FEATURES

● 16CH AHD 2.0 Video Input, 16CH 1080P/1080P Lite/720P Recording support 8CH IPC 3MP/1080P/960P/720P Recording

● Adopt Standard H.264 High Profile Compression Format to get High-Quality Video at much lower Bit Rate

● Intuitive and User-Friendly Graphics User Interface (GUI), Window Style Operation by Mouse

● Multi-Mode Recording: Manual/Timer/Motion/Sensor Playback: 4/8CH Simultaneously Playback Search: Time/Calendar, Events (Alarm, Motion)

● Express and Flexible Backup via USB and Network and so on Pentaplex: Preview, Record, Playback, Backup and Remote Access

● DHCP, DDNS, PPPoE Network Protocol, IE Browse and CMS supported

● Remote Control via IE or CMS: Preview, Playback, Backup, PTZ and Configuration Dual Stream Technology to Encode Recording Stream and Network stream respectively; Network Stream can be adjustable to fit Bandwidth without Changing Recording Quality

● Multi-User Online simultaneously

● Authorization Management, Log Review and Device Status Review HDMI 1080P Output, True High Resolution Display

● Support PTZ Preset and Auto Cruise, up to 128 Presets and 8 Cruises Powerful Smart Phone Surveillance supporting iPhone, Android

● Support NAT Function, support QR Code Scanning by Mobile Phone

● Complete SDK Software available, easy to Integrate with other Applications

SPECIFICATIONS

Model		IT-612H-RVA-AHD
System	Compression	Standard H.264 High Profile
	CPU	Cortex A9
	OS	Embedded Linux
Video	Input	BNC x 16
	Resolution	AHD 2.0 1080P, 720P, WD1 Real Time
	IP Input/Access Bandwidth	IPC x 8 / 24Mbps
	Output	HDMI x 1: 1920 x 1080; VGA x 1: 1920 x 1080; BNC x 1: CVBS(used as the Main or Spot Output)
Audio	Input	RCA x 4
	Output	RCA x 1
	2-way audio	Take up Channel one Audio Input
Record	Resolution	1080P, 1080P Lite, 720P
	Frame Rate	1080P : 1~12fps (PAL/NTSC)
		1080P Lite / 720P : 1~Real Time (PAL /NTSC)
	Bit rate	768Kbps ~ 8Mbps
	Encode	VBR / CBR
	Quality	6 Level
	Mode	Manual, Timer, Motion, Sensor
	File manager	Lock, Unlock

IP Input	Resolution	3MP / 1080P / 960P / 720P
	Frame Rate	200 fps (PAL) / 240 fps (NTSC)
Play back	Playback	16 CH
	Search	Time / Calendar Search, Event (Motion, External Alarm)
	Smart Search	Highlighted Date and Time to Display the Channel Record
	Function	Play, Pause, FF, FB, Digital zoom
Alarm	Mode	Sensor, motion, video loss
	Input	4CH
	Output	1CH
	Triggering	Record, PTZ Move, Alarm Output, E-mail, etc.
Network	Interface	RJ45 10M / 100M x 1
	Protocol	TCP / IP, UDP, DHCP, DNS, PPPOE, DDNS
	Others	10 Users Online, Dual Stream
Cell phone	OS	iPhone, Android
	Function	Multi-Screen Surveillance (for Certain Model), Record, Snapshot, PTZ Control, Save the Device List
I/O	HDD	SATA x 2
	RS485	RS485 x 1, Connect to PTZ or Keyboard
	USB	USB 2.0 x 2, one for Mouse, another for USB Backup Device
	IR controller	Optional
Others	Power supply	DC 12V
	Consumption	≤15W (without HDD)
	Dimensions（mm）	380 x 268 x 52（W x D x H）
	Work Environment	- 10 ℃ ～ 50 ℃, 10 % ～ 90 % Humidity

DIMENSIONS   (Unit: mm)