



High quality DVR to regard for user convenience

ANX-440H/840H

H.264 Low Cost Stand-alone



- 01_ H.264 4CH/8CH stand-alone DVR series
- 02_ Real time recording
- 03_ Quadplex: Operates Record, Playback, Copy and Network simultaneously
- 04_ Network viewer: 16 units x 16 clients (16 clients can connect at the same time)
- 05_ E-mail notification for events
- 06_ AVI file conversion with network viewer
- 07_ Multi-screen playback
- 08_ Ease of operation: Mouse, Remote controller, DVR controller through Network viewer, External keyboard controller, Front panel
- 09_ Web browser support
- 10_ Quick setup
- 11_ Individual settings per channel
- 12_ Two-way audio over the network
- 13_ Copy: USB memory stick, CD R, CD RW, DVD RW, DVD RAM, external HDD(USB 2.0)
- 14_ Built-in File viewer on copied media
- 15_ Search: Calendar, Time, Event, Block, File, Bookmark, Text, Log file
- 16_ Time synchronization: Internet time adjustment, Time trimming manually, Daylight savings time
- 17_ POS support with easy text string search
- 18_ Digital watermark support
- 19_ Data recovery
- 20_ CMS(Central Management Software): max. 64CH display and infinite number of DVR management
- 21_ Installs max. 2 SATA HDDs
- 22_ 1CH Audio input



Specifications

VIDEO			ANX-440H/840H		
Video Input			4CH/ 8CH (BNC)		
Input Level			1.0Vp-p±10% Composite, 75Ω Balanced		
Loop Through Output			Not supported		
Video Standard			NTSC, PAL, AUTO		
Main TV Output			1.0 Vp-p Composite, 75 Ohm Balanced		
Analog Spot Monitor Output			1.0 Vp-p Composite, 75 Ohm Balanced		
Camera Name			Max. 8 Characters		
Main Monitor Split Control			1, 4/ 1, 4, 6, 7, 9 Screen		
Screen Rotate Control			1~60 Seconds		
Display	Resolution	NTSC	720(H) × 480(V)		
		PAL	720(H) × 576(V)		
	Speed	NTSC	120 frames/ 240 fps (Every CH Real Time)		
		PAL	100frames/ 200 fps (Every CH Real Time)		
	Function		Auto sequence 1, 4/ 1, 4, 6, 7, 9 Split, P I P		
AUDIO					
Compression			ADPCM		
Audio Input (Line)			1CH/ 1CH (RCA)		
Input Level			0.5~1.4Vp-p@20 KOhm		
Audio Output (Line)			1CH(RCA)		
RECORDING					
Compression			H.264		
Resolution	NTSC		720(H) × 480(V)	720(H) × 240(V)	360(H) × 240(V)
	PAL		720(H) × 576(V)	720(H) × 288(V)	360(H) × 288(V)
Speed	NTSC	360 x 240	Max. 120/ 240 ips(CIF)		
		720 x 240	Max. 120/ 120 ips (Half D1)		
		720 x 480	Max. 60/ 60 ips(D1)		
	PAL	360 x 288	Max. 100/ 200 ips (CIF)		
		720 x 288	Max. 100/ 100 ips (Half D1)		
		720 x 576	Max. 50/ 50 ips (D1)		
Duplex or Triplex			Quadplex		
Each CH	Frame Setting		Available		
	Event, Normal		Available		
	Speed		Available		
	Resolution		Available		
	Quality		Changed at 4 level(Low,Normal,Fine,Superfine)		
Setup per Channel			Individual		
Record Limit			Automatic data delete for privacy		
Data Size			1~3KB(CIF), 3~7KB(D1/2), 6~15KB(D1)		
Recording Mode			Normal(Continuous), Event(Motion detection Sensor, Video loss), Schedule, Holiday		
Pre-Alarm			Max. 5 Seconds		
Watermark			Support		
Schedule			24 groups per day by an hour,Holidays are same as Sunday		
Summer Time			Support		
HDD	Internal Storage		2 HDDs (1TB × 2)		
	Speed		7,200RPM		
	DMA		45MHz DMA		
	Type		SATA compatible		
	External Storage		Not supported		
	HDD Bay Interface		Not supported		
SEARCHING & PLAYBACK					
Searching Method			Time, Calendar, Event, (Copied)File,Text, Block		
Playback & Reverse Playback			1, 2, 4, 16, 32, 64, 128 velocity 1/2, 1/4, 1/16, 1/32, 1/64, 1/128		
COPY DEVICE					
Internal CD/DVD RW			Not supported		
Media Support			CD R / CD RW / DVD RW / DVD RAM		
USB 2.0			USB memory stick, External USB HDD/CDRW/DVD RW		
Copied File Compatibility with PC (Windows)			Compatible		

BACKUP		
Digital Backup		Not supported
Backup Method		Not supported
ALARM		
Sensor Input		4CH / 8CH(Terminal)
Alarm Output		1 Relay out (Programmable,NO: Normal Open), Terminal
Motion Detection		Available For Each Camera Multi-Detection Level
MULTI-REMOTE SURVEILLANCE		
Monitoring Environment		Client Software, Central Monitoring System, Web browser
Transmission Rate		Max 120ips Transmission(16 Clients accessible)
Search		Supporting Multi-Client(16 Clients accessible)
SYSTEM MONITORING & RECOVERY		
System Logging		Power Failure Checkable/Menu Change/Network connection
Monitoring		Software Watchdog
Recovery		Auto-Reboot By Watchdog Automatic Database Recovery
OTHERS		
OS		Embedded Linux
Language(13 kinds)		English,Korean,Japanese,Polish ,Spanish,Russian,Chinese, Taiwanese,French,Turkish,German,Italian,Portuguese
Control Device		Front key, Remote controller, Mouse(PS/2),External Keyboard
PTZ		Over16 kinds
Number of Event list / Log list		100,000 / 100,000 per HDD
CONNECTOR		
Video Input		4CH/ 8CH (BNC)
Loop Through Output		Not supported
Main Monitor Output	Composite	BNC 1Port (Rear)
	VGA Output	Selectable C-video or VGA(VESA) /3D VGA(Optional)
	S-Video	Not supported
Spot Monitor Output		BNC 1 Port
Audio Input (Mono)		1 CH Line Input (RCA)
Audio Output (Mono)		1 CH Line Output (RCA)
HDD Bay Connection		Not supported
External Control (RS - 232C)		Not supported
Firmware upgrade		USB 2.0 Port, Network
External Control (RS - 485)		2 Pins Terminal Block
Sensor Input		4CH/ 8CH Terminal Block (Include Ground Common 4Pins)
Alarm Output		1 Relay Output 2 Pins Terminal Block (NO, Common) x 1= 2 pins(Total)
PTZ(RS-485)		2 pins Terminal Block, Half Duplex
Ethernet		RJ-45, 10/100Mbps
USB 2.0		Front 1 port
ELECTRICAL		
Power Source		DC 12V, 5A
Power Consumption		Approx. 50 Watt (Including 1 HDD)
ENVIRONMENTAL		
Operating Temp.		0°C ~ +40°C
Storage Temp.		-10°C ~ +60°C
Humidity		30~90%RH (Non-Condensing)
PHYSICAL		
Construction Shape		Consumer style
Construction Material		Plastics Front Steel Case
Body Color		Silver & Dark Purple with Plastics key
Dimension		340(W) x 60(H) x248(D) mm
Weight		Approx. 2kg

* These Specifications can be changed.

SYSTEM DIAGRAM

