

HAC830F

아날로그와 IP 비디오 스트림 녹화를 지원하는 All-in-One 아날로그 HD DVR

제품특징

- 8채널 All-in-One 아날로그 HD DVR
- 다양한 비디오 입력 표준 지원
  - ① 아날로그HD : HD-TVI, HD-A, HD-C(TBD) / 1080p, 720p
  - ② 아날로그SD : CVBS, 960H (NSTC/PAL)
  - ③ IP 비디오 스트림 : 4채널 지원
- 각 채널별 30fps@1080p 녹화 및 재생 성능
- 녹화화질 및 녹화속도의 채널 별 설정
- 듀얼 코덱(H.264, JPEG)/멀티 스트리밍 지원
- HDMI, VGA를 통한 비디오 출력
- 다양한 모니터링 및 재생화면 (1/4/9 분할화면)
- 1개의 SATA 방식 HDD 장착가능 (8TB HDD 지원)
- 날짜/시간, 달력/타임라인, 이벤트, 썸네일, 텍스트 검색 지원
- DVR 하드디스크를 PC에서 재생하는 기능 제공
- 1024대의 DVR을 지도, 뷰셋 등 다양한 방법으로 관리할 수 있는 통합 CMS 프로그램 제공
- 크롬/파이어폭스/사파리를 위한 자바뷰어 지원
- 별도의 플러그인/Active-X가 필요없는 HTML5 웹뷰어 지원
- 다양한 모바일 환경 대응 (iPhone/Android 뷰어 제공)
- 복잡한 라우터 설정이 필요없는 P2P 기능을 통한 모바일 접속
- 쉽고 강력한 커스터마이징을 위한 Full SDK 제공

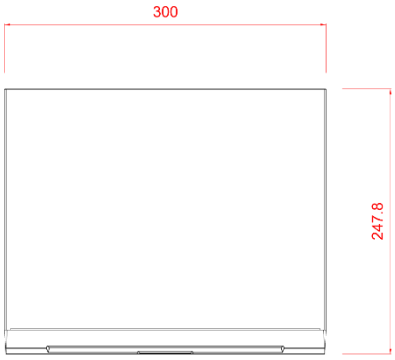
전면

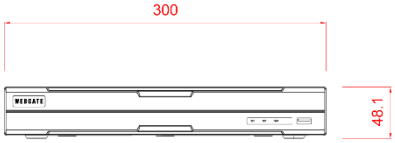


후면



외관도 (단위 : mm)





제품사양

VIDEO INPUT		
Video input Format	BNC	HD-TVI 1080p/720p
		HD-A / HD-C 1080p(TBD)
		Analog 960H/SD
	IP	Onvif Profile-S (4ch supported)
Resolution / Frame Rate	HD-TVI	1920x1080 / 25, 30fps
		1280x720 / 25, 30fps
	HD-A / HD-C(TBD)	1920x1080 / 25, 30fps
	Analog 960H	960x480 / 60i or 960x576 / 50i
	Analog SD	720x480 / 60i or 720x576 / 50i
	IP	1920x1080 / 2048x1536
Connectors	8ch, 75Ω BNC connector	
CoC	8ch, Control over Coax	
VIDEO OUTPUT		
Video output	HDMI/VGA Duplicate Mode	1, 4, 9 split-screen
		HDMI : 1920 x 1080
		VGA:1920x1080
		User defined display / Alarm pop-up / Sequential switching
		with Analog Spot
	VGA Spot Mode	Not Supported
	Analog Spot	1, 4, 9 split-screen
		CVBS
		User defined display / Sequential switching
RECORDING		
Compression	H.264 / JPEG	
Resolution	1920 x 1080, 1280 x 720, 960 x 480(576)	
Rate	Max. 240/200 fps	
Quality	10 levels up to 8Mbps	
Mode	Normal / Event Record, Schedule / Event Record, Emergency Record	
Schedule	24hrs / 7days	
PLAYBACK		
Mode	Instant Playback / Search	
Speed	Max. 240/200 fps	
Search type	Date/Time, Calendar/Time-line, Event, Thumbnail(Interval/Motion), Text, Bookmark	
Block playback	24hours ~ 99days	
EVENT & ALARM		
Event source	MD(Motion Detection), Sensor, Video Loss	
Event check Schedule	24hrs / 7days	
Event action	Buzzer, Relay, E-mail, FTP, Alarm pop-up	
	Mobile Alarm Push	
MD area	15 x 10	
SYSTEM ALARM		
Alarm source	HDD fail, HDD almost full, Password fail, WRS fail	
Alarm action	Warning message, Buzzer, E-mail, Mobile Alarm Push	
AUDIO		
Input/output	4 RCA input / HDMI & 1 RCA output	
Compression	ADPCM (32Kbps, 8KHz, 16bit sampling)	
Direction	Both	
PTZ		
Protocols	41 models including C1080, C1080PT-Z20B, C1080PT-Z10B, Pelco-D, Pelco-P, Samsung, Panasonic and others	

NETWORK	
Interface	1 Ethernet port (10/100Mbps)
Type	Static IP, Dynamic IP, xDSL, UPnP, RTSP
DDNS	WNS, DynDNS, NoIP, WRS
Bandwidth limit	Supported
NTP	Server / Client / Both
Users	10 Monitoring, 4 Playback
Streaming	H.264 stream, High resolution
	1 additional H.264 stream, Normal resolution
	1 JPEG stream, Normal resolution for e-mail or mobile
SECURITY	
User level	1 admin, 10 users
User privilege	Playback, Menu, Copy, PTZ, CameraSetup, Relay, Power, NetworkMic
IP filtering	Supported
STORAGE & BACKUP	
Storage devices	1 internal SATA HDDs
File system	Proprietary file system
	Data-loss protection against power-failure
Backup type	EXE : multi channel with log AVI : single channel JPEG : single channel capture
Backup device	USB 2.0 drive (2 ports)
S.M.A.R.T.	Temperature and Health checking
SERIAL PORT	
Serial port	1 RS-485
Sensor input	4 Dry-contacts
Relay output	1 Relay
CONTROLLER	
Device	IR remote controller, Joystick Keyboard, Mouse
SOFTWARE	
HTML5 Web viewer	Monitoring / Event / PTZ / Playback for browser supporting HTML5
Web viewer	Monitoring / Event / PTZ / Playback for IE
Java viewer	Monitoring / Event / PTZ for IE, Chrome, Safari
Mobile viewer	Monitoring / Playback / Alarm Push / PTZ / Audio / Log View with iPhone & Android
CMS	Control Center, Max. 1024 Units
SDK	ActiveX(COM) SDK
ENVIRONMENTAL & PHYSICAL	
Dimension	300(W) x 247.8(D) x 45(H) mm
Weight	1.16kg (No HDD)
Operating Temperature	5°C~45°C (41°F ~ 113°F)
Power	DC 12V / 3A
Power Consumption	Max. 8W (without HDD)
Approval	FCC, KC, CE, RoHS