

New Advantage All-in-one DVR



AHD/TVI/CVI/960H/D1 - All Hybrid Operation

Upto 3MP, 4MP

Now connecting AHD,TVI,CVI and Analog (CVBS)


all on one recording machine in any combination

P2P, Push Alarm, Advanced Video Detection, POS, RAID Support

New Advantage series

HVR-MD04S/ MD08SA / MD08S / MD16SA

FEATURES

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- **SPOT Monitor** support (single/quad/sequence)
 - **UPTO 16 ch simultaneous playback**
 - 4/8/16 **all-in-one** analog Full HD DVR
 - All Analogue HD Format upto 3MP, 4MP /D1/960H video format supported by automatic format detection (1080p/720p/960H/D1)
 - **High quality video equalizer for long reach Full HD transmission**
 - H.264 1080p recording & playback
 - **Configurable Advanced Mirroring(Dual Recording on 16ch)**
 - Health checking (FAN speed & failure checking, Recording integrity & HDD S.M.A.R.T)
 - **Dynamic Push Notification to iOS and Android**
 - User Privilege to control the access on cameras/live/playback/copy etc.
 - Panorama Search
 - Direct AVI formatting for Copy & Multiple channel backup as generic file format with embedded player
 - Multiple GUI resolution adjustable to various monitor type (HDMI, VGA)
 - Dedicated Network Streaming for live and playback
 - HTTP based motion JPEG streaming by channel
 - Low transmission latency to client viewer
 - 2-way full duplex audio
 - Auto port forwarding(uPNP), DDNS, Login/out
 - **Easy mobile connection (P2P)**
 - Configurable resolution, quality & fps for network streaming directly from client
 - RA(Remote Agent), VMS, CMS
 - Web-based remote setup & viewer
 - H264-based mobile device support: iOS/Android
 - HDMI/VGA Simultaneous Output
 - **POS I/F Integration**



SECUS
Best Security System Service

+lanse
ENGINEERING

New Advantage All-in-one DVR

MODEL						Comment
OPERATION MODE		QUADPLEX				Live/Playback, Recording,
						Network & Copy
Live Display Speed(NTSC/PAL)		Realtime (120/100 fps)	Realtime (240/200 fps)	Realtime (240/200 fps)	Realtime (480/400 fps)	
Recording & playback	D1, 960H,720p	120/100fps	240/200fps	240/200fps	480/400fps	30(25)fps/ch, Configurable by each CH
	1080p	120/100fps	120/100fps	240/200fps	240/200fps	Configurable by each CH
Video Input	No of BNC	4 (Analogue HD/D1/960H)	8 (Analogue HD/D1/960H)	8 (Analogue HD/D1/960H)	16 (Analogue HD/D1/960H)	Auto format detection
	Cable Distance	~ 700m with 1080p25/30 ~ 400m with 1080p25/30				RG6 Copper Core Coaxial RG6 Steel Core Coaxial
Video Output	VGA	1 (up to 1920X1080)				
	HDMI	1(up to 1920X1080)				
	CVBS(BNC)	Dual Monitor/SPOT Output(NTSC/PAL)				
Screen Division	Live Mode	1,4	1,4,9	1,4,9	1,4,9,16	
	Playback Mode	1,4	1,4,9	1,4,9	1,4,9,16	
Audio In/Out		4 line in (RCA)/1 line out (RCA) & HDMI				
Alarm	Input / Output	4/1	8/1	8/1	16/1	OPTION
Storage	Interface	SATA2. 0				
	HDD(Internal)	1 (Optional 2 HDD)	1 (Optional 2HDD)	2	2	
	eSATA	NONE				
Archive	Backup Device	USB Device (HDD, Thumb Drive), NAS & Remote via Network				
	Multiple channel	Raw data format, Support with the Embedded Player				
	AVI	Embedded AVI formatting with H.264				With SMI time-stamp file
USB Port		3	3	4	4	USB 2.0 EHCI
PTZ & CCTV Keyboard Interface		One RS485 ports				
Motion Detection Cells		64x48				
System Control		USB Mouse, External Keyboard Controller & HTTP API I/F, Front Key				
Network	Port	10M/100M	10M/100M	10M/100M	10M/100M	
	Protocols	DHCP, DDNS, P2P, uPNP, HTTP, NTP, SNMP, SMTP, Push Notification(iOS/Android)				
	No of Client	Max. 4				
Multi-Language		support				
Power		Adapter (12V/2A or lower)	Adapter (12V/2A or lower)	Adapter (12V/3A or lower)	Adapter (12V/3A or lower)	TBD
Operating Temperature		5~40 ℃ / 20~80% RH				
Remote SW's		CMS /RMS / Web / MAC OSX / Android / iOS				
Dimension (WxDxH, mm)/ Weight		325 x 247 x 51mm, 1.7kgs				Product itself
Advanced FEATURES						
Dedicated network streaming	Live	H.264 with various resolution Size/Quality/FPS control from various viewer				
	Playback	CIF resolution				
Motion JPEG Streaming		HTTP, by Each Channel				
RAID		MV-8208S, MV-8216CJ support				
Search		Calendar/Time/Event/Panorama				
P2P/DDNS/Push Notification/E-mail		ns.dynamicmv.com/P2P server/Relay Server/Push Server/Embedded E-mail Service				Service on Self-developed Server
Event	Event Type	Motion Detection, Video Loss, HDD S.M.A.R.T, Status & Error, Recording Status, POS				
Notification	Action	E-mail with snapshot, Buzzer, Pop-up, Symbol, Push Notification				
PTZ Control		On RS-485, Pelco-C/D protocol compatible				
PoS I/F integration		Extendable up to 8 PoS Interface				Serial to USB
USER Privilege Set up		Live/Search & Copy/Network/PTZ/Camera				ADMIN Only Setup
Log In/Out Function		Login & Logout Control by Account				
Password Security		Periodically Password Refresh for all users				Period Configurable
Recording Time Limit		12Hour, 1/2/3/4/5/6Day, 1/2/3Week, 1/2Month				
Health Checking & Report		Periodical E-mail Report for HDD & Recording Status with various system info.				Period Configurable
System log		Log History, Backup available				
Privacy Zone Masking		Supported				TBD
Covert		Supported				
Advanced Video Detection Event		Camera Tampering, Camera Lens Blocking, Day/Night, Defocus				Per ch with 64x48 cells

