

MicroEngine®

Integrated Security Systems

XING
Expert Video Engineering

Clearer Video Quality

Full D1 Resolution
720 x 576 x 25fps x 4 channels

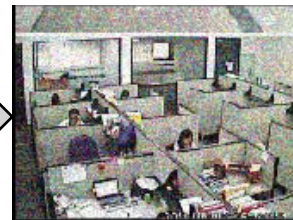


Easy to Use

Real Time Viewing & Recording



Support Mobile View



OTHERS
- Low-End DVRs



XING
- DVRs

FEATURES:

- H.264 Main Profile Compression
- Real-Time Viewing & Recording (D1)
- Dual Stream Technology
- Support Audio Recording (iPhone, iPad2 Playback with Audio)
- C.M.S (Central Monitoring Software), Max. 16 DVRs
- 32bit Real Color On Screen Display
- Support 3G/Edge Mobile Phone Viewing (support iPhone3Gs/4, Windows Mobile, Android, Blackberry)
- Full Control through IE / Remote Client via LAN/WAN
- USB 2.0 for Backup & Mouse Control

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MODEL	MDVR-04	MDVR-08	MDVR-16
Video			
Camera Input (NTSC / PAL)	4	8	16
Display Output	1 BNC, 1 VGA		
Audio			
Audio Input	1 x RCA	4 x RCA	16 x RCA
Audio Output	1 x RCA	2 x RCA	2 x RCA
Sensor In (NO,NC) / Relay Out	Not Available	8 Sensor In, 1 Relay Out	16 Sensor In, 1 Relay Out
USB	1 x USB 2.0, 1 x USB 1.0		
Operating System	Embedded Linux Operating System		
Display			
Speed	NTSC (120fps) / PAL (100fps)	NTSC (200fps) / PAL (200fps)	NTSC (400fps) / PAL (400fps)
Resolution (Pixels)	720 x 480 (NTSC), 720 x 576 (PAL)		
Split Screen	1,4 SEQ	1,4,6,8 SEQ	1,4,8,12,16 SEQ
Mode	Zoom (Digital x 8), PIP, Auto SEQ		
Recording			
Compression	H.264 ASP (Main Profile)		
Dual Streaming Resolution (Pixels)	Main (Recording) 704 x 480, 704 x 240, 352 x 240 (NTSC), 720 x 576, 720 x 288 x 360 x 288 (PAL) Sub (Network) 352 x 240, 176 x 120 (NTSC) / 360 x 288, 176 x 144 (PAL)		
Picture Quality			
Mode	5 Steps (Highest, High, Normal, Basic, Low) Manual, Motion, Alarm, Schedule		
Speed	120 fps (704 x 480)	120 fps (704 x 480)	120 fps (704 x 480)
	120 fps (704 x 240)	120 fps (704 x 240)	120 fps (704 x 240)
	120 fps (352 x 240)	120 fps (352 x 240)	120 fps (352 x 240)
	100 fps (720 x 576)	100 fps (720 x 576)	100 fps (720 x 576)
	100 fps (720 x 288)	200 fps (720 x 288)	200 fps (720 x 288)
	100 fps (360 x 288)	200 fps (360 x 288)	400 fps (360 x 288)
Pre-Alarm & Post Alarm	10 SEC (Pre-Alarm) / 1-60SEC (Post-Alarm)		
Water Mark & Scrambling	YES		
Playback			
Display	1,4	1,4,8	1,4,9,16
Search Mode	Date, Time, Event (Motion, Alarm), Camera		
Zoom	Digital x 8		
Speed	Normal, REW & FF (Record Speed x2, x8, x16, x32, x64) Frame to Frame, Pause		
Device	Internal HDD / External HDD by eSATA (optional)		
Network			
Network Interface	10/100Mbps Ethernet		
Protocol	TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL)		
Serial Communication	RS485		
Application	Windows XP, Windows VISTA, Windows 7, Mac OS X 10.6 or above		
Remote Software	Support Multi Layer Remote Client Software or Internet Explore (IE)		
CMS	Control up to 16 units DVRs		
3G / GPRS / EDGE Mobile Viewing	Support iPhone 3Gs/4, Android 2.0 and above, Blackberry, Windows Mobile, Symbian		
Event Notification	Email (Video Lost, Motion Detection and Sensor Trigger)		
Backup			
Interface	USB 2.0 or eSATA (optional)		
Audio Backup	YES		
Backup Device	Network Backup / USB Flash Drive	SATA DVR±RW / Network Backup / USB Flash Drive	
Alarm			
Motion Detection	Programmable Motion Detection Each Camera Individual Sensitivity: 10 Steps for each channel		
Event Log	Up to 10000 Events (Alarm, Motion, Video Lost, Power On/Off, Record On/Off, Remote Login, HDD Error)		
OSD & DVR Control			
GUI	32 bit Real Color		
Multi Language	11 (English, French, German, Greek, Japanese, Italian, Polish, Portuguese, Spanish, Chinese, Korean)		
Mouse	USB Mouse (Not Included)		
Remote Controller	IR Remote Control	IR Remote Control (control up to 4 DVRs)	
Upgrade	USB / Network		
Pan/Tilt Camera	Control via RS485 Interface (Pelco-P, Pelco-D, KND, Samsung, LG, Lilin)		
Others			
Internal HDD	Support 1 SATA II HDD	Support Max. 2 SATA II HDD (max. 4TB)	Support Max.3 SATA II HDD (max. 6TB)
External HDD	Support External RAID 5 /6 Storage via e-SATA Port (max. 12 TB)		
Power Source	AC 110/220V, AC 115/230V		

For enquiries, please contact:

No.	Resolution	Quality	FPS
1	720x576	Normal	25
2	720x576	Normal	25
3	720x576	Normal	25
4	720x576	Normal	25

Specifications subject to change without prior notice