

# 32 Channel MPEG 4 Stand - Alone Network Digital Video Recorder



SecuMaster's M 4 -MA 3 2 3 2 Channel Network MPEG 4 DVR applies embedded Vxworks OS, enhanced hardware MPEG 4 hardware compression technique and equipped with high -speed DSP digital processing chipset as well as efficient integrated circuits for noise reduction ; featuring low power consumption , rapid response , clear frame and high compression ratio .In view of high video recording resolution , affordable cost and strong network functions of remote monitoring , playback , recording , back -up files via IE Browser and TCP/IP, M 4 -MA32 32 Channel MPEG 4 DVR, making it preferred for network digital recording and monitoring in such sectors as finance , transportation , power industry , telecommunication , education , military affairs , public security organs etc .

## Key Features :

- Embedded high speed IDT Microprocessor & Vxworks OS .
- H. 2 6 4 compression BlackFin video processors .
- Ethernet connection port for LAN , WAN and internet .
- CD/DVD bruners, removable USB harddrive support for backup .
- D1 resolution for live view and CIF resolution for playback .
- 25 (PAL ) / 3 0 (NTSC ) frame per second per channel synchronized video and audio recording .
- 6 SATA HDDs supported & Non-working HDD hibernated mode.
- USB mouse and IR interface .
- Motion detection on every channel .
- Internet access through web browser .
- Central management software for viewing /managing multiple DVR .
- 32x 4 Matrix , support 4 channel virtual matrix output (optional )



Client Interface



Operating Interface



Record setup Menu



DV-MP32M Back Panel

## Specifications :

Model	M4-MA8	M4-MA16	M4-MA24	M4-MA32
CPU	IDT Duo CPU			
DSP	MPU Processor	MPU Processor	BlackFin Video Processors	BlackFin Video Processors
<b>Video</b>				
Format	PAL/NTSC			
Compression	H.264			
Input	8 BNC(a.oVp-p . 7 5 ohm )	16 BNC(a.oVp-p . 7 5 ohm )	24 BNC(a.oVp-p . 7 5 ohm )	32 BNC(a.oVp-p . 7 5 ohm )
Main Output	1 CH BNC (1.0Vp-p.75 ohm) , 1 CH VGA		2 CH BNC (1.0Vp-p.75 ohm) , 1 CH VGA	
Video Loop Out	16 BNC(a.oVp-p . 7 5 ohm )		N/A	N/A
Matrix Output	4 BNC(a.oVp-p . 7 5 ohm )		24x 4 (optional )	32x 4 (optional )
<b>Audio</b>				
Compression Standard	N/A	N/A	G. 7 2 3 /ADPCM	G. 7 2 3 /ADPCM
Input	N/A	N/A	16 CH, BNC(100mv-500mv, 10K ohm), 1 CH communication	
Output	N/A	N/A	1 CH, RCA (100 mv - 5 0 0 mv , 1 K ohm )	
<b>Display</b>				
Resolution	D1:704*576(PAL) , 704*480(NTSC)			
Video Standard	PAL (625 line ) , NTSC ( 5 2 5 line )			
Division	Single , Multiple (4/6/9/16/)	Single , Multiple (4/6/9/16/)	Single , Multiple (4/9/16/25/36) , Digital Zoom	
<b>Recording</b>				
Resolution	PAL: CIF (352*288) , NTSC CIF (352*240)			
Frame Rate	25 Frames Per Second/CH, Full Real Time , Adjustable			
Quality	5 Levels , Adjustable			
Mode	Manual /Schedule /Event (Motion Detection /Alarm Sensor )			
<b>HDD</b>				
Basic Storage	8 HDD Capacity, Max. : 2 T /HDD	8 HDD Capacity, Max. : 2 T /HDD	6 HDD Capacity, Max. : 5 0 0 GB /HDD	6 HDD Capacity, Max. : 5 0 0 GB /HDD
Requirement	5400- 7 2 0 0 RPM, 4 5 Mhz DMA, EID E Compatible			
<b>Alarm</b>				
Input	8 (NO/NC)	16 (NO/NC)	1- 1 2 (NO /NC Programmable )	1- 1 2 (NO /NC Programmable )
Output	4 Output	4 Output	3 Relays , 2 5 Pin D -Sub	3 Relays , 2 5 Pin D -Sub
Triggered Mode	2A 30VDC / 120VAC			
Action	192 (16 x 1 2 ) Detection Areas , Sensitivity ( 0 ~ 9 9 ) Flexible			
<b>Other</b>				
Working Mode	Simultaneously Multi -Channel Recording /Playback /Network Oprating /Surveillance Mode Rj			
Network Interface	4 5 , 1 0 / 1 0 0 M Based T Ethernet , TCP /IP, UDP, Multicast			
USB Interface	4 * USB 2. 0	4 * USB 2. 0	2 * USB 2. 0	2* USB 2. 0
PTZ	Rs422, RS485	Rs422, RS485	RS422, Rj 11	RS422, Rj 11
Power Supply	AC100~240V 50/60Hz			
Expend (W/O HDD)	40 W			
Dimensions (WxHxD )	450 x 1 0 0 x 4 4 0 mm (2U)	450 x 1 0 0 x 4 4 0 mm (2U)	440 x 1 0 0 x 5 2 0 mm (2U)	440x 1 0 0 x 5 2 0 mm (2U)
Shipping Dimensions (WxHxD)	538 x 2 4 0 x 5 3 8 mm	538 x 2 4 0 x 5 3 8 mm	540 x 2 3 0 x 5 4 0 mm	540x 2 3 0 x 5 4 0 mm
Operating Environment	5 ~90% OH, -10~55 degree			