

# MT854 / MT858 / MT8516

Advanced Network DVR with H.264 Technology



Date: 13 May 2011, Revision: V1

### Special Features :

- Intuitive Graphical User Interface with mouse operation, Smart search function for faster and easier playback retrieval - just need to click and drag with mouse.
- Customizable user profile up to 4 unique operators. Can define which channel to view and which function is allowed for each user.
- Every user that login to DVR has a unique view instead of synchronized view. This allow multi user to login and use the DVR simultaneously without affecting other user.
- Come with CMS software to monitor multiple DVR over internet.
- Maximum up to D1 DVD video quality recording.
- During remote viewing over the internet there is no need to lower or disable Active-X security in IE browser.
- 750GB HDD storage can support recording length up to 1500 hours with full recording speed without missing any important display images.

### Standard Features :

- H.264 compression provides incredible video quality at a low bit rate. This save HDD space and enhance internet transmission.
- Linux operating system for virus free, powerful features and enhanced stability.
- Support notification via MSN and Email (with picture snapshot) over alarm event.
- PENTAPLEX allow live display, record, playback, backup and network operation at the same time.
- Direct playback from PC with HDDs linked.
- Support GPRS/3G to access the system via Symbian mobile phone.
- Support picture-in-picture & screen pop up when motion / sensor triggered.
- Remote surveillance with client software or IE browser.
- A mask replaces the live image with a blank screen, and the monitor shows nothing but recording is still on.
- System auto recovery after power reconnected
- Video property for each frame is adjustable : Hue / color / contrast / brightness
- Support TCP/IP and DDNS network connection
- OPTIONAL: VGA card to install inside DVR that allow video to be displayed on VGA monitor
- **PC must have minimum requirement Microsoft Direct-X 9 or above compatible graphic card in order to support DVR client software for web view.**



MT854 - 4Ch



MT858 - 8 Ch



MT8516 - 16 Ch



Central monitoring system up to 36 cameras



User friendly with graphic user interface



9 channel view

## Specification:

Model		MT854 - 4 channel	MT858 - 8 channel	MT8516 - 16 channel	
<b>Camera Input</b>		<b>4CH</b>	<b>8CH</b>	<b>16CH</b>	
<b>Video</b>	<b>HDMI</b>	N/A	1 (Option) (Video Output [1280x1024] + Audio Output)		
	<b>Input</b>	4	8	16	
	<b>Output</b>	1VGA (1280x1024) + 1BNC for CO-Monitor / 1VGA (1280x1024) + 1BNC for SPOT Monitor			
<b>Audio</b>	<b>Input</b>	1 RCA	8 RCA	16 RCA	
	<b>Output</b>	1 RCA	2 RCA		
<b>System</b>	<b>Operating System</b> Embedded Linux OS				
	<b>Internal HDD</b>	Supports 1 SATA Device (HDDx1)	Supports Max. x 2 SATA Devices (HDDx2, HDDx1+DVDx1 or HDDx1+ e-SATA x 1)	Supports Max. x 2 SATA Devices (HDDx1+DVDx1 or HDDx2)	
	<b>External HDD</b>	N/A	Option	N/A	
	<b>Sensor In (NO, NC) Relay out</b>	N/A	Sensor-in x8 Relay-out x1	Sensor-in x16 Relay-out x2	
	<b>Serial Interface</b>	RS-485			
	<b>USB</b>	2 x USB2.0			
	<b>Dimension ( mm )</b>	WS: 225(w)x46(h)x240(d)	430(w)x55(h)x293(d)		
	<b>Weight ( w/o HDD/ DVD±RW )</b>	0.85KG	1.85KG		
	<b>Adaptor</b>	Input 100~240V, Output 12V 3A	Input 100~240V, Output 12V 5A		
	<b>Power Source</b>	36W	60W		
<b>Display</b>	<b>Speed</b>	120 fps	240 fps	480 fps	
	<b>Resolution (Pixel)</b>	720 X 480(NTSC), 720 X 576(PAL)			
	<b>Split screen</b>	1,4, SEQ.	1,4,8, SEQ.	1,4,9,13,16 SEQ.	
	<b>Auto Channel Switching</b>	Switching time : 1 ~ 999 sec			
	<b>Mode</b>	Zoom ( Digital x2~ x8 ), PIP, Auto SEQ			
<b>Recording</b>	<b>Compression</b> H.264 ASP (Internet Transmission: H.264)				
	<b>Dual Stream Resolution (Pixel)</b>	<b>Main (Recording)</b>	704 X 480, 704 X 240, 352 X 240 (NTSC) / 704 X 576, 704 X 288, 352 X 288 (PAL)		
		<b>Sub (Network)</b>	352 x 240 (NTSC), 352 x 288 (PAL)		
	<b>Picture quality</b>	5 levels (Highest, High, Normal, Basic, Below Basic)			
	<b>Mode</b>	Manual, Motion, Schedule	Manual, Motion, Sensor, Schedule		
	<b>Speed</b>	<b>NTSC</b>	D1 120 fps(704 x 480) HD1 120 fps(704 x 240) CIF 120 fps(352 x 240)	D1 120 fps(704 x 480) HD1 120 fps(704 x 240) CIF 120 fps(352 x 240)	D1 120 fps(704 x 480) HD1 240 fps(704 x 240) CIF 480 fps(352 x 240)
		<b>PAL</b>	D1 100 fps(704 x 576) HD1 100 fps(704 x 288) CIF 100 fps(352 x 288)	D1 100 fps(704 x 480) HD1 200 fps(704 x 240) CIF 200 fps(352 x 240)	D1 100 fps(704 x 576) HD1 200 fps(704 x 288) CIF 400 fps(352 x 288)
	<b>Pre-Alarm</b>	10 SEC			
	<b>Post-Alarm</b>	1 ~ 60 SEC			
	<b>Water Mark</b>	YES			
<b>Playback</b>	<b>Display</b>	1, 4	1, 4, 8	1, 4, 8, 16	
	<b>Search mode</b>	Date, time, event, camera	Date, time, event( Motion, Sensor ), camera		
	<b>Zoom</b>	Digital ( x2 ~ x8 )			
	<b>Snapshot</b>	YES			
	<b>Speed</b>	Normal, REW & FF (recorded speed x2, x4, x8, x16, x32, x64), Frame to frame, Pause			
	<b>Device</b>	Int. HDD			
<b>Network</b>	<b>Network Interface</b>	10/100 Ethernet			
	<b>Protocol</b>	TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP			
	<b>Application</b>	Windows XP/VISTA/7(PC Client system)			
	<b>Remote Software</b>	Licensed Application Software, IE Browser			
	<b>Account</b>	1 Admin + 4 users			
	<b>CMS</b>	Unlimited (Depends on bandwidth)			
	<b>3G / GPRS</b>	Symbian, Windows Mobile, Blackberry, iPhone, Android phone			
	<b>Event Transport</b>	E-mail			
<b>Backup</b>	<b>Interface</b>	USB 2.0 or SATA			
	<b>Audio Backup</b>	YES			
	<b>Network</b>	YES			
	<b>Backup Device (Optional)</b>	Network Backup / USB Flash Drive / USB DVD±RW	Network Backup / USB Flash Drive / USB DVD±RW / SATA DVD±RW		
<b>Alarm</b>	<b>Motion Detection</b>	Detected Frames: Unlimited / Channel Sensitivity : 10 levels for each channel Area : Programmable individually			
	<b>Alarm Hold Time</b>	1 ~ 60 SEC			
	<b>Search ( Event Criterion )</b>	YES			
	<b>Event Log</b>	Up to the 10000 events (Sensor, Motion, video Loss, power on, remote login, logout, HDD error, HDD full)			
	<b>OSD &amp; DVR Control</b>	<b>GUI</b>	16-bit True Color		
<b>Multi-Language</b>		English, Traditional Chinese, Others			
<b>Camera Title</b>		Multi-Language			
<b>USB Mouse</b>		YES			
<b>Touch Panel</b>		Touch Panel LCD Monitor (USB Interface, EETI Chipset Only)			
<b>Remote Controller</b>		IR Remote Control ( Max. 1 Device)			
<b>System Upgrade</b>		via USB / Network			
<b>Hard Key</b>		Front Panel			
<b>Recording Hours for 500GB</b>	<b>Pan/Tilt/Zoom Control</b> Control From RS485 Interface ( Pelco P, Pelco D, Samsung, LG, LiLin )				
	<b>Resolution</b>	704 x 288	704 x 240	704 x 288	
	<b>Quality</b>	: High	: High	: High	
	<b>Total recording</b>	: 284 hours	: 142 hours	: 71 hours	