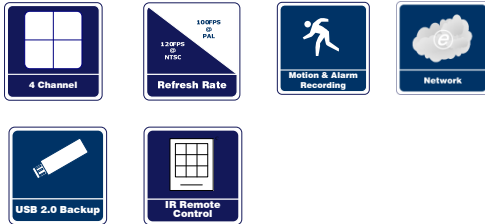


## EL-MDVR304

A Complete 4Ch Triplex Digital Security System with A State of Art Quality 7" LCD Display



1. Compact Design of the Monitor and DVR for Easy Installation
2. High quality real-time monitoring in 720x480 (NTSC) or 720x576(PAL)
3. Quad or Mux recording mode with frame rate up to 120fps (NTSC) / 100fps (PAL)
4. Auto detecting video signal loss and DD failure Programmable motion detect setting of each channel
5. Video contrast and brightness adjustment of each channel
6. Support Multi-User Remote View By Fixed IP or DDNS
7. IDE Hard Disk supported
8. USB port support to backup file thru USB 2.0 memory stick
9. ROTS and watch dog function ensure the stability
10. Video signal looping for each input and output channel .
11. Convertible with provided software to readable AVI format
12. Multi-language OSD

## Recording Time Table

PAL :				
AUDIO ON:				
RECORD MODE HIGH:				
FRAME/ SECOND:	Capacity: 160 GB			
	1 CAM	2 CAM	3 CAM	4 CAM
25	45.9	23.1	15.4	11.6
12	94.8	47.8	32.0	24.0
8	141.0	71.4	47.8	35.9
6	186.4	94.8	63.6	47.8
4	275.0	141.0	94.8	71.4
RECORD MODE NORMAL:				
FRAME/ SECOND:	Capacity: 160 GB			
	1 CAM	2 CAM	3 CAM	4 CAM
25	73.1	36.8	24.9	18.5
12	150.2	76.1	50.3	38.3
8	222.2	113.4	76.4	57.3
6	292.4	150.2	100.3	76.1
4	427.4	222.2	150.3	113.4
RECORD MODE LOW:				
FRAME/ SECOND:	Capacity: 160 GB			
	1 CAM	2 CAM	3 CAM	4 CAM
25	107.6	54.3	36.3	27.3
12	219.6	112.0	75.2	56.6
8	323.0	166.3	112.0	84.4
6	422.5	219.6	148.3	112.0
4	610.5	323.0	219.6	166.3

NTSC :				
AUDIO ON:				
RECORD MODE HIGH:				
FRAME/ SECOND:	Capacity: 160 GB			
	1 CAM	2 CAM	3 CAM	4 CAM
30	45.9	23.1	15.4	11.6
15	91.1	45.9	30.7	23.1
10	135.5	68.6	45.9	34.5
7	191.6	97.5	65.4	49.2
5	264.6	135.5	91.1	68.6
4	326.8	168.4	113.4	85.5
RECORD MODE NORMAL:				
FRAME/ SECOND:	Capacity: 160 GB			
	1 CAM	2 CAM	3 CAM	4 CAM
30	73.1	36.8	24.6	18.5
15	120.8	73.1	48.9	36.8
10	213.7	108.9	73.1	55.0
7	300.3	154.3	103.8	78.2
5	411.5	213.7	144.3	108.9
4	505.1	264.6	179.2	135.5
RECORD MODE LOW:				
FRAME/ SECOND:	Capacity: 160 GB			
	1 CAM	2 CAM	3 CAM	4 CAM
30	107.6	54.3	36.3	27.3
15	211.1	107.6	72.2	54.3
10	310.8	159.9	107.6	81.1
7	433.6	225.6	152.5	115.1
5	588.7	310.8	211.1	159.9
4	716.8	383.1	261.4	198.4

# Specifications

Design and specifications are subject to change without prior notice

Monitor	
Display Size	7"
Resolution	1440 x 234
Backlight	CCFL
Brigtness	350cd/m <sup>2</sup>
View Area	154.08(W)x86.58(H)mm
Response Time	5ms
Input	D-Sub, AV x 1, Line In x 1, BNC In x 4, BNC out x 4
DVR	
No. of cameras	4
Display format	1, 4, PIP
Display resolution	720 x 480 (NTSC), 720 x 576 (PAL)
Display frame rate	120 fps (NTSC); 100 fps (PAL)
Key lock function	Yes
Video loss detection	Yes
Watec Dog	Yes
Password Protection	Yes
Sensor	4Ch Sensor Input, 1Ch Alarm Output
Record	
Record resolution quality	720X240 / 352x240(NTSC); 720X288 /352x288(PAL)
Recording rate	1~ 120fps(NTSC) 1~100fps(PAL)
Record format	Modified motion JPEG
Recording mode	Continuous, Scheduled, Sensor/Motion triggered
Storage equipment	Up to 1 Tera Byte HDD
HDD type	IDE HDD
Recording quality	High, Normal, Low
Playback	
Playback searc mode	Event searc, Time searc
Playback speed	Pause, x1, x16
Multi-cannel Playback	1Ch, 4Ch, PIP
Network	By Fixed IP or Dynamic IP ( Optional function)
Video Backup	
Backup	USB 2.0
Power supply	12V DC / 4.1A / 50W

## Model Selection

**EL-MDVR304: 4Ch Combo DVR W/O Network**  
**EL-MDVR304L: 4Ch Combo DVR W/ Network**