

# DVR Series Digital Recorders

## 4/8/16 Channels



### FEATURES

Fully featured, priced right.

866-351-0399

- Convenience**
- User-friendly UI (Text Based User Interface)
  - Easy-to-use menu composition
  - Easy-to-use recorded data search (Time, Date, Motion, Alarm)
- Stability**
- Auto restart after power interruption
  - DB structure offers data stabilization and best storage utilization
- Expandability**
- Various remote multi KDVRs control by Client Program
  - Remote access via internet explorer (Menu control, Monitoring, Playback)
  - P/T/Z (Pan/Tilt/Zoom) control( KDVR 1080, 1160)
- Technology**
- Embedded LINUX OS
  - Totally maximum recording rate 120 fps
  - High-resolution & high-quality MPEG-4 algorithm
  - Using Water marking & scrambling technologies, Strong protection recorded data
  - MPEG-4 : 1~2 Kbytes per image with resolution 360 x 240
- Functionality**
- Variable recording function (Normal, Alarm, Motion, Schedule)
  - Full channel real-time monitoring
  - Live monitoring, recording, playback, backup
  - Multi channel playback
  - IR remote control
  - Variable events notification to e-mail, buzzer or PC Client System



# SPECIFICATION

Model	DVR Series		DVR-4CD	DVR-8CD	DVR-16CD	
Video	Camera input (NTSC, PAL)		4	8	16	
	Output		1 BNC, 1 S-video(VGA Option)			
Audio	Audio input		1 RCA	4 RCA		
	Output		1 RCA			
Sensor In (I/O) / Alarm out			4/1			
Operating System			Embedded Linux OS			
Display	Speed		120 fps			
	Resolution (Pixel)		720 X 480(NTSC), 720 X 576(PAL)			
Recording	Split screen		1, 4	1, 4, 8, SEQ.	1, 4, 8, 16, SEQ.	
	Compression		MPEG-4			
	Resolution (Pixel)		720 x240, 360 x 240 (NTSC) / 720 x 288, 360 x 288(PAL)			
	Picture quality		3 steps (High, Middle, Low)			
	Mode		Normal, Motion, Alarm, Schedule			
	Priority		Alarm -> Motion-> Schedule -> Normal			
	Speed	Total	NTSC / PAL 120 fps(360 x 240), 60 fps(720 x240) / 100 fps(360 x 288), 50 fps(720 x 288)			
		Each Channel	NTSC	30 fps(360 x 240) 15 fps(720 x 240)	15 fps(360 x 240) 7.5 fps(720 x 240)	7.5fps(360 x 240) 3.75 fps(720 x 240)
			PAL	25 fps(360 x 288) 12.5 fps(720 x 288)	12.5 fps(360 x 288) 6.25 fps(720 x 288)	6.25 fps(360 x 288) 3.125 fps(720 x 288)
		Water Marking & Scrambling		Our Own Algorithm		
Playback	Display		1, 4	1, 4, 8	1, 4, 8, 16	
	Search mode		Date & time, Calendar			
	Speed		Normal, REW & FF [recorded speed x2, x4, x16], Frame to frame, Pause			
	Device		Internal HDD			
Network	Still Image capture & save		JPEG compression or AVI Format & USB I/F device (Memory stick)			
	Network Interface		Ethernet			
	Protocol		TCP/IP, SMTP, HTTP, DHCP, PPPOE(ADSL)			
	Serial Communication		NO	RS-232 1EA, RS-485 1 EA		
	Application		Windows 2000/XP(PC Client System)			
	Web Browser		Internet Explorer 5.0 Higher ( DVRs control or viewing )			
Backup	Event transport		When event occur, set send to E-mail			
	Interface		USB 2.0			
Control	Backup device		Internal CD & DVD-RW/ External HDD, CD & DVD-RW, Network Backup, Memory Stick			
	Motion Detection		Each control / channel Sensitivity : 3 steps for each channel Area : Programmable motion detection area for eac camera individually			
	Alarm Hold time		5 - 240 SEC			
	Event log		Up to the 256 events (Alarm, Motion, Video loss, Power loss, Power on/off, Record on/off)			
	Remote controller		IR remote control			
	Pan/Tilt Camera		NO	Control From RS485 Interface		
Others	HDD		Supports Max. x 2 HDDs			
	Power Source		100 - 240V AC, 50 - 60Hz			
	Power Consumption		36W	70W		
	Operating Temperature		5 - 40 ℃(41-104F)			
	Relative Humidity		Maximum 80% non-considering			
	Weight	Net	6.0Kg			
Gross (box)		7.0Kg				
Dimension	Net	450(W) x 370(D) x 90(H)mm				
	Gross (box)	500(W) x 460(D) x 190(H)mm				