

# 4CH/8CH/16CH H.264 Multiplex DVR

## Features

### Advanced

- 2 USB ports for mouse usage and backup
- Dual streaming enhances the speed of network transmission
- Built-in VGA output up to 1024x768 resolution
- Individual setup of resolution, frame rate and video quality for each channel
- Still image snapshot
- AVI converter with time stamp

### Basic

- H.264 compression ideal for saving HDD space
- Real time live display
- Live display, record, backup, playback and network access simultaneously
- Picture-in-picture monitoring and 2X to 8X digital zoom display
- Control methods: front panel, USB mouse, IR remote controller, client viewer
- Intuitive GUI for easy configuration and menu driven operation
- Pan / Tilt / Zoom camera control
- Data backup: USB devices, network
- Event triggered with email notification: motion detection, alarm, video loss
- Supports Internet Explorer with same GUI as DVR site
- Multi-language OSD
- Central Management System (CMS) supports up to 15 DVRs
- 3G/GPRS mobile phone monitoring



Model No.	RYK-9236	RYK-9238	RYK-9234	RYK-9230
Video System	NTSC / PAL switch			
Video Input	16CH BNC	8CH BNC	4CH BNC	
Video Input Level	1.0 Vp-p Composite, 75 Ohm Balanced			
Video Output	1CH BNC			
SPOT Output	1CH BNC			
VGA Output	1024x768			
Audio Input	4CH RCA			1CH RCA
Audio Input Level	0.5~1.4 Vp-p@20K Ohm			
Audio Output	1CH RCA			
Audio Backup	YES			
Sensor	16 input / 1 output	8 input / 1 output	4 input / 1 output	
RS-485	Pan / Tilt / Zoom camera			
USB Port	2 ports			
Mouse	USB mouse			
IR Remote Controller	YES			
HDD Support	SATA HDD x 3 (Max. 1TB each) or SATA HDD x2 + DVD writer x1	SATA HDD x2 (Max. 1TB each) + DVD writer x1	SATA HDD x2 (Max. 1TB each) or SATA HDD x1 + DVD writer x1	SATA HDD x 1 (Max. 1TB)
DVD Writer	optional			NO
Display Division	1,4,9,13,16	1,4,9	1,4	
Title	14 characters			
Video Compression	H.264			
Audio Compression	ADPCM			
Resolution	720x480, 720x240, 360x240 (NTSC) / 720x576, 720x288, 360x288 (PAL)			
Frame Rate	120, 240, 480 (NTSC) / 100, 200, 400 (PAL)	60, 120, 240 (NTSC) / 50, 100, 200 (PAL)	60, 120, 120 (NTSC) / 50, 100, 100 (PAL)	
Quality	Highest, High, Normal, Basic, Below Basic			
Record Mode	Manual, Schedule, Event(motion detection/sensor)			
Pre-Alarm Recording	16MB (10 sec)			
Post-Alarm Recording	1-999 sec			
Motion Detection	16X12 (sensitivity 0~10)			
Search Mode	Time, Event			
Playback Speed	fast forward/backward 2X/4X/8X/16X/32X/64X slow forward/backward 1/2X, 1/4X, 1/8X, 1/16X play/pause			
Backup Mode	USB flash driver / Network / Optional DVD media			USB flash driver / Network
Network Compression	H.264			
Network Software	Internet Explorer / CMS / 3G Mobile Phone			
Network Users	5			
Remote Notification	Email message			
Service	TCP/IP, SMTP, DHCP, DDNS, PPPoE			
Daylight Saving	YES			
Password	5 users including 1 administrator user authority selectable			
Event List	10000			
Log List	10000			
Watchdog	software watchdog			
Recovery	Auto-Reboot			
Key Lock	YES			
Firmware Update	USB device			
Dimension	430mm (W) x 70mm (H) x 360mm (D)			188mm (W) x 54mm (H) x 209mm (D)
Power Source	DC12V			
Operating Environment	30 ~ 80% RH, 5°C~ 40°C(41°F~ 104°F)			