

RAS Series**RAS-413-J / RAS-813-J / RAS-1613-J****4 / 8 / 16CH AHD 720P standalone DVR****720P****Support
960H**

Main Features

- 4 / 8 / 16 CH AHD 720P & 960H video inputs
- 4 / 8 / 16 CH sync playback
- RS-485 serial interface
- Live display, playback and recording simultaneously
- Web-based management
- HDMI & VGA output up to 1920x1080
- Touch panel LCD monitor supported

P2P connection solution



With easy QR code settings, you can monitor with smart phones and tablets over the internet from anywhere, anytime.



Model		RAS-413-J	RAS-813-J	RAS-1613-J
Camera Input		4CH AHD	8CH AHD	16CH AHD
Housing		J		
Video	Input	720p@30fps, 720p@25fps AHD ; 960H / D1 (Service in pairs)*		
	Output	1 HDMI with Audio and 1 VGA (Max. 1920x1080) 1 Main BNC for D1/960H		
Audio	Input	4 RCA		
	Output	2 RCA		
System	Operating System	Embedded Linux OS		
	SATA Devices	Max. 1 x SATA Device (HDDx1)		
	External HDD	N/A		
	Sensor In (NO, NC) Relay Out	Sensor-in x 4 Relay-out x 1		
	Serial Interface	RS-485		
	USB 2.0 Ports	USB2.0 X2		
	Dimension (mm)	280(w)x51(h)x203(d)		
	Power Rating	12V		
Display	Split Screen	1,4, SEQ.	1,4,8, SEQ.	1, 4, 9, 13, 16, SEQ.
	Auto Channel Switching	Switching time : 1 ~ 99 sec		
	Mode	Zoom, Auto SEQ.		
Recording	Compression	H.264 High Profile		
	Main (Recording) Resolution	1280 x 720 , 640 x 360, 704 x 480, 352 x 240 (NTSC) / 704 x 576, 352 x 288 (PAL)		
	Sub (Network) Resolution	640 x 360 / 352 x 240, 176 x 120 (NTSC) / 352 x 288, 176 x 144 (PAL)		
	Picture Quality	10~100 levels for adjustment		
	Mode	Continuous, Event, Schedule		
	Record Rate	NTSC 720p 60 fps ; 960H 120fps PAL 720p 50 fps; 960H 100fps	NTSC 720p 120 fps ; 960H 240fps PAL 720p 100 fps; 960H 200fps	NTSC 720p 240 fps ; 960H 480fps PAL 720p 200 fps; 960H 400fps
	Pre-Alarm	1 ~ 10 SEC		
Playback	Post-Alarm	1 ~ 100 SEC		
	Search Mode	Date/time, Event		
	Zoom	*Digital (x2 ~ x5)		
Network	Network Interface	10/100 Ethernet		10/100/1000 Ethernet
	Protocol	TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP, DDNS		
	Application	Windows XP/VISTA/7, Mac OS X		
	Remote Software	iWatch DVR, IE Browser, iCMS		
	Account	1 Admin + 10 Users		
	Mobile Device	Windows Phone 7.8, iPhone, iPad, Android		
Backup	Interface	USB 2.0 or SATA		
	Audio Backup	YES		
	Backup Type	Network, ext. USB flash device , SATA optical DVD..etc.		
Alarm	Motion Detection	Sensitivity : 100 levels for each channel Area : Programmable individually		
	Event Log	Up to the 10000 events (Sensor, Motion, video Loss, power on, remote login, logout, HDD error, HDD full)		
OSD & DVR Control	Multi-Language	Supported		
	Camera Title	Multi-Language		
	USB Mouse	YES		
	Touch Panel	Touch Panel LCD Monitor (USB Interface, EETI Chipset Only)		
	Remote Controller	IR Remote Control		
	System Upgrade	USB Flash Drive, iWatch DVR		
	Pan/Tilt/Zoom Control	Control From RS485 Interface (Pelco P, Pelco D, Samsung, LG, LiLin)		

* AHD or 960H(D1) inputs must service in pairs. The input for even channel must be identical to that of previous odd channel

Subject to be changed without notice

