iCATCH

RAS Series
RAS-1613-J / RAS-1613A-N

16 CH AHD 720P standalone DVR

▲ RAS-1613-J

▲ RAS-1613A-N

720P

Support 960H

| HDMI | H.264 | Full HD Real-time | SATA | DDNS | 16:9 4:3 | e | | |

Main Features

- 16 CH AHD video inputs, max 720P@120/100 fps, 960H@240/200 fps

- 16 CH sync realtime playback

- 960H supported

- RS-485 serial interface

- Touch panel LCD monitor supported

AHD 720P   AHD 720P
960H   960H

Display different source in same screen, without any setting

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Model	RAS-1613-J	RAS-1613A-N
Camera Input	16CH AHD	
Housing	J	N

			RAS-1613-J	RAS-1613A-N
Video		Input	720p@60fps, 720p@50fps Analog HD ; 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	16 RCA
		Output	2 RCA	1 RCA
System		Operating System	Embedded Linux OS	
		SATA Devices	Max. 1 x SATA Device (HDDx1)	Max. 4 x SATA Devices (HDDx3+eSATAx1, HDDx2+Optical Device x1+ eSATAx1)
		External HDD	N/A	YES (eSATA)
		Sensor In (NO, NC) Relay Out	Sensor-in x 4 Relay-out x 1	Sensor-in x 16 Relay-out x 2
		Serial Interface	RS-485	
		USB 2.0 Ports	USB2.0 X2	
		Dimension (mm)	280(w)x51(h)x203(d)	430(w)x55(h)x293(d)
		Power Rating	12V	12V 5.83A ,70W
Display		Split Screen	1, 4, 8, SEQ.	
		Auto Channel Switching	Switching time : 1 ~ 99 sec	
		Mode	Zoom (Digital x2~ x5), 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 120 fps ; 960H 240fps PAL 720p 100 fps; 960H 200fps	
		Pre-Alarm	1 ~ 10 SEC	
		Post-Alarm	1 ~ 100 SEC	
Playback		Search Mode	Date/time, Event	
		Zoom	*Digital (x2 ~ x5)	
Network		Network Interface	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 960(D1) inputs must service in pairs. The input for even channel must be identical to that of for previous odd channel

Subject to be changed without notice

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