iCATCH

FC C€ RoHS
MADE IN TAIWAN

RAS Series
RAS-813-C / RAS-813-J / RAS-813-N

8CH AHD 720P standalone DVR

720P

Support 960H

▲ RAS-813-J

▲ RAS-813-C

▲ RAS-813-N

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

Main Features

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

● 8 CH sync playback

● 960H supported

● RS-485 serial interface

● Live display, playback and
  recording simultaneously

● 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.

www.icatchinc.com

Model	RAS-813-C	RAS-813-J	RAS-813-N
Camera Input	8CH AHD		
Housing	C	J	N
Video Input	720p@60fps, 720p@50fps Analog HD ; 960H / D1		
Video Output	1 HDMI with Audio and 1 VGA (Max. 1920x1080)	1 HDMI with Audio and 1 VGA (Max. 1920x1080) 1 Main BNC for D1/960H	
Audio Input	1 RCA	4 RCA	8 RCA
Audio Output	1 RCA	2 RCA	
System Operating System	Embedded Linux OS		
System SATA Devices	Max. 1 x SATA Device (HDDx1)		Max. 2 x SATA Devices (HDDx1+eSATAx1, HDDx1+ Optical Device x1)
System External HDD	N/A		
System Sensor In (NO, NC) Relay Out	N/A	Sensor-in x 4 Relay-out x 1	Sensor-in x 8 Relay-out x 2
System Serial Interface	N/A	RS-485	
System USB 2.0 Ports	USB2.0 X2		
System Dimension (mm)	200(w)x50(h)x200(d)	280(w)x51(h)x203(d)	430(w)x55(h)x293(d)
System Power Rating	12V		12V 5A , 60W
Display Split Screen	1, 4, 8, SEQ.		
Display Auto Channel Switching	Switching time : 1 ~ 99 sec		
Display Mode	Zoom (Digital x2~ x5), Auto SEQ.		
Recording Compression	H.264 High Profile		
Recording Main (Recording) Resolution	1280 x 720 , 640 x 360 ; 704 x 480, 352 x 240 (NTSC) / 704 x 576, 352 x 288 (PAL)		
Recording Sub (Network) Resolution	640 x 360 / 352 x 240, 176 x 120 (NTSC) / 352 x 288, 176 x 144 (PAL)		
Recording Picture Quality	10~100 levels for adjustment		
Recording Mode	Continuous, Event, Schedule		
Recording Record Rate	NTSC 720p 120 fps ; 960H 240fps PAL 720p 100 fps; 960H 200fps		
Recording Pre-Alarm	1 ~ 10 SEC		
Recording Post-Alarm	1 ~ 100 SEC		
Playback Search Mode	Date/time, Event		
Playback Zoom	*Digital (x2 ~ x5)		
Network Network Interface	10/100 Ethernet		
Network Protocol	TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP, DDNS		
Network Application	Windows XP/VISTA/7, Mac OS X		
Network Remote Software	iWatch DVR, IE Browser, iCMS		
Network Account	1 Admin + 10 Users		
Network Mobile Device	Windows Phone 7.8, iPhone, iPad, Android		
Backup Interface	USB 2.0 or SATA		
Backup Audio Backup	YES		
Backup Backup Type	Network, ext. USB flash device , SATA optical DVD..etc.		
Alarm Motion Detection	Sensitivity : 100 levels for each channel Area : Programmable individually		
Alarm 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		
OSD & DVR Control Camera Title	Multi-Language		
OSD & DVR Control USB Mouse	YES		
OSD & DVR Control Touch Panel	Touch Panel LCD Monitor (USB Interface, EETI Chipset Only)		
OSD & DVR Control Remote Controller	N/A	IR Remote Control	
OSD & DVR Control System Upgrade	USB Flash Drive, iWatch DVR		
OSD & DVR Control 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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