

**RAH Series****RAH-1628EU-N / RAH-1628AU-N / RAH-1628AU-B****16 CH AHD 2.0 universal DVR****▲RAH-1628EU-N / RAH-1628AU-N****1080P****Support  
960H****▲RAH-1628AU-B****Main Features**

- 16 CH AHD 1080P@30fps input, 720P@60/30fps input, analog 960H/D1@30fps input
- AHD 1080P@15fps recording, 720P/960H/D1@30fps recording
- 16 CH sync playback
- 960H supported
- RS-485 serial interface
- Live display, playback and recording simultaneously



**Display different sources  
on the same screen,  
no setting needed**

Model		RAH-1628EU-N	RAH-1628AU-N	RAH-1628AU-B
Camera Input		16CH AHD Universal		
Housing		N		B
Video	Input	AHD: 1080P @ 30/25 fps, 720P @ 60/50 fps, 720P @ 30/25 fps 960H / D1		
	Output	1 HDMI with Audio and 1 VGA ( Max. 1920x1080) 1 Main BNC		
Audio	Input	1 RCA	8 RCA	
	Output	1 RCA	2 RCA	
System	Operating System	Embedded Linux OS		
	SATA Devices	Max. 2 x SATA Devices (HDDx2, HDDx1+Optical Device x1)	Max. 4 x SATA Devices (HDDx3+eSATAx1, HDDx2+ Optical Device x1+eSATAx1)	Supports Max. x 7 SATA Devices (HDDx6+eSATAx1, HDDx4+ Optical Device x1+eSATAx1)
	External HDD	N/A	YES ( eSATA )	
	Alarm In / Relay Out	N/A	Alarm-in x 16 Relay-out x 2	Alarm-in x 16 Relay-out x 4
	Serial Interface	RS-485		RS-485 x2
	USB 2.0 Ports	USB 3.0 x1, USB2.0 X2		
	Dimension ( mm )	430(w)x55(h)x293(d)		442(w)x92(h)x438(d)
	Power Rating	12V 5A, 60W	12V 5.83A ,70W	AC 110/220V 250W
Display	Split Screen	1, 4, 9, 13, 16, SEQ.		
	Auto Channel Switching Mode	Switching time : 1 ~ 99 sec Zoom, Auto SEQ.		
Recording	Compression	H.264 High Profile		
	Main (Recording) Resolution	1920 x 1080, 1280 x 720; 944 x 480 ,704 x 480, 352 x 240 (NTSC) / 944 x 576 ,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 Mode	10~100 levels for adjustment Continuous, Event, Schedule		
	Record Rate	NTSC 1080p 240fps; 720p 480 fps PAL 1080p 200fps ; 720p 400 fps		
	Pre-Alarm	1 ~ 5 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 7 & 8, Mac OS X		
	Remote Software	SoCatch, IE Browser, iCMS Pro		
	Account	1 Admin + 10 Users		
Backup	Mobile Device	Windows Phone 7.8, iPhone, iPad, Android		
	Interface	USB or SATA		
	Audio Backup	YES		
Alarm	Backup Type	Network, ext. USB flash device , SATA optical DVD..etc.		
	Motion Detection	Sensitivity: 100 levels for each channel Area: Programmable individually		
OSD & DVR Control	Event Log	Up to the 10000 events (Sensor, Motion, video Loss, power on, remote login, logout, HDD error, HDD full)		
	Multi-Language	Supported		
	Camera Title	Multi-Language		
	USB Mouse	YES		
	Touch Panel	Touch Panel LCD Monitor (USB Interface, EETI Chipset Only)		
	Remote Controller	Optional		
	System Upgrade	USB Flash Drive, iWatch DVR		
General	Pan/Tilt/Zoom Control	Control From RS485 Interface ( Pelco P, Pelco D, Samsung, LG, LiLin )		
	Operating Temperature	-10°C ~ +55°C (14°F ~ 131°F)		
	Operating Humidity	10%~80%		

Subject to be changed without notice