

RAH Series



RAH-1628U-3N/RAH-1628EU-N/RAH-1628AU-B

16 CH AHD 2.0 universal DVR



RAH-1628U-3N/RAH-1628EU-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-1628U-3N	RAH-1628EU-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
Operating System		Embedded Linux OS		
System	SATA Devices	Max.3xSATA Device (HDDX3,HDDX2+Optical DeviceX1)	MAX.2xSATA Device (HDDX2,HDDX1+Optical Device)	Supports Max. x 7 SATA Devices (HDDx6+eSATAx1, HDDx4+ Optical DeviceX1+eSATAx1)
	External HDD	N/A	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 4.2A ,50W	AC 110/220V 250W
Display	Split Screen	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	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 Account	SoCatch, IE Browser, iCMS Pro 1 Admin + 10 Users		
	Mobile Device	Windows Phone 7.8, iPhone, iPad, Android		
Backup	Interface	USB 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 System Upgrade	Optional USB Flash Drive, iWatch DVR		
	Pan/Tilt/Zoom Control	Control From RS485 Interface (Pelco P, Pelco D, Samsung, LG, LiLin)		
General	Operating Temperature	-10°C ~ +55°C (14°F ~ 131°F)		
	Operating Humidity	10%~80%		

Subject to be changed without notice