

4/8Ch, H.264 Stand Alone NVR



Main Features:

- * 4/8 channels 720P/1080P IPCAM record, live, playback, back-up, control, & remote access
- * Plug & Play, Smart recording system
- * Support ONVIF Profile S support or RTSP
- * Max 56Mbps incoming bandwidth
- * 2 ways audio capabilities.
- * 1 internal SATA HDD up to 6TB
- * Build-in VGA/HDMI output up to 1080P resolution
- * **Optional PoE * 4**
- * Alarm in * 4 / alarm out * 1 (NC or NO)
- * Support push alarm notification to mobile phones
- * Free DDNS server

Specification

Model		AVR104C(4)	AVR108C(4)
Video	Input	4CH 1080p	8CH 1080p
	Format	ONVIF Profile S	
	Main monitor	VGA D-sub 15pin connector, HDMI	
	Loss detection/ Motion detection	Yes/ Yes, with configurable detection area & sensitivity	
PoE	Input	Optional 4-port PoE	
Audio	Input	1 RCA-jack connector, line-in level (100mV-1Vrms)	
	Output	HDMI, 1 RCA-jack connector, line-out level (up to 1Vrms)	
Record	Compression	IP-CAM: H.264/ Audio: ADPCM	
	Resolution(fps)	60fps@1080p, 120/100fps@720p, Up to 56Mbps incoming bandwidth, including live display	120fps@1080p, 240/200fps@720p, Up to 56Mbps incoming bandwidth, including live display
	Watermark	Yes	
	Mode	Manual/Schedule/Alarm/Motion	
	Pre-record/ Post-record time	0~10 seconds/ 0~60 minutes	
Display	Resolution	HDMI/VGA – 1920 X1080	
	Split windows/ Digital Zoom	1/4; X2, X4	1/4/7/9; X2, X4
	Frame rate	Up to 30 / 25 fps per display window	
	Sequential switch	User adjustable	
Playback	Resolution(fps)	40fps@1080p, 80fps@720p	80fps@1080p, 160fps@720p
	Search	Smart search, Date/time, Camera, Alarm, Motion, & Video Loss	
Storage	HDD	1 set of 3.5" SATA type HDD, > 4TB/HDD, Failure detection supported, Privacy law supported	
	Partitions:	Configurable alarm partition size, Configurable auto-overwrite or not	
	Backup	1 USB 2.0 ports for USB disk drives, Self playback for backup files	
Alarm	Input	4 contact or TTL/CMOS signal, polarity selectable	
	Output	1 Normally Open or Normally Closed relay output	
	Buzzer/ Event log	Yes/ Yes	
	Triggered by	Sensor input, Video loss, & Motion	
Network	Ethernet	1 RJ-45 10/100BaseT Ethernet connector	
	Web	Remote setup, monitoring, backup & alarm notification, remote software upgrade, Support Win7, WinVista, WinXP and Win2000, 1 I.E/Firefox for multiple DVRs (64 windows)	
	E-mail/Push Alarm	Alarm notification to stationary or mobile devices	
	USB Dongle	Support 3G dongle	
	DDNS	Free	
	Remote Station	PC, mobile phone, PDA or tablet PC	
	Remote Users	Up to 8 users simultaneously	
	FTP	Alarm video/audio file storage	
	Audio	Bi-directional	
	Bandwidth	TCP/IP type dynamic sliding window control	
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, UPnP, RTSP, P2P	
Control	I/R	1 I/R remote controller	
	RS-485	2-pin for keyboard/PTZ control	
Setup	Local	On screen setup via keypad, I/R remote controller, USB mouse, and/or RS-485 keyboard	
	Remote	Setup & upload via Windows application software	
	Multi-lingual	Yes	
Reliability	System recovery	Auto power on after power loss recovery	
	Watch Dog/ Timer	Yes/ Built-in real time clock	
	Security	4 levels, up to 18 accounts protection with authentication key for remote access	
Weights & Measures	Dimension & Weight	184 x 194 x 44mm, 1.2 KG	
Power Consumption		+12VDC/ 36W Max.	
Operating Temperature		0°C ~ +45°C	

8Ch, H.264 Stand Alone NVR



Main Features:

- * 8 channels 720P/1080P IPCAM record, live, playback, backup, control, & remote access
- * Plug & Play, Smart recording system
- * Support ONVIF Profile S support or RTSP
- * Max 56Mbps incoming bandwidth
- * 2 ways audio capabilities.
- * 1/2 internal SATA HDD up to 6/12TB
- * Build-in VGA/HDMI output up to 1080P resolution
- * **Optional PoE * 4/8**
- * Alarm in * 4 / alarm out * 1 (NC or NO)
- * Support push alarm notification to mobile phones
- * Free DDNS server

Specification

Model		AVR108S (4/8)	AVR108SU (4/8)
Video	Input	8CH 1080p	8CH 1080p
	Format	ONVIF Profile S	
	Main monitor	VGA D-sub 15pin connector, HDMI	
	Loss detection/ Motion detection	Yes/ Yes, with configurable detection area & sensitivity	
PoE	Input	Optional 8-port PoE or 8 Ethernet port build in 4-port PoE	
Audio	Input	1 RCA-jack connector, line-in level (100mV-1Vrms)	
	Output	HDMI, 1 RCA-jack connector, line-out level (up to 1Vrms)	
Record	Compression	IP-CAM: H.264/ Audio: ADPCM	
	Resolution(fps)	120fps@1080p, 240/200fps@720p, Up to 56Mbps incoming bandwidth, including live display	
	Watermark	Yes	
	Mode	Manual/Schedule/Alarm/Motion	
Display	Pre-record/ Post-record time	0~10 seconds/ 0~60 minutes	
	Resolution	HDMI/VGA – 1920 X1080	
	Split windows/ Digital Zoom	1/4/7/9; X2, X4	
	Frame rate	Up to 30 / 25 fps per display window	
Playback	Sequential switch	User adjustable	
	Resolution(fps)	80fps@1080p, 160fps@720p	
Storage	Search	Smart search, Date/time, Camera, Alarm, Motion, & Video Loss	
	HDD	1 set of 3.5" SATA type HDD, > 4TB/HDD, Failure detection supported, Privacy law	2 set of 3.5" SATA type HDD, > 4TB/HDD, Failure detection supported, Privacy law
	Partitions:	Configurable alarm partition size, Configurable auto-overwrite or not	
	Backup	1 USB 2.0 ports for USB disk drives, Self playback for backup files	
Alarm	Input	4 contact or TTL/CMOS signal, polarity selectable	
	Output	1 Normally Open or Normally Closed relay output	
	Buzzer/ Event log	Yes/ Yes	
	Triggered by	Sensor input, Video loss, & Motion	
Network	Ethernet	1 RJ-45 10/100BaseT Ethernet connector	
	Web	Remote setup, monitoring, backup & alarm notification, remote software upgrade, Support Win7, WinVista, WinXP and Win2000, 1 I.E./Firefox for multiple DVRs (64 windows)	
	E-mail/Push Alarm	Alarm notification to stationary or mobile devices	
	USB Dongle	Support 3G dongle	
	DDNS	Free	
	Remote Station	PC, mobile phone, PDA or tablet PC	
	Remote Users	Up to 8 users simultaneously	
	FTP	Alarm video/audio file storage	
	Audio	Bi-directional	
	Bandwidth	TCP/IP type dynamic sliding window control	
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, UPnP, RTSP, P2P	
Control	I/R	1 I/R remote controller	
	RS-485	2-pin for keyboard/PTZ control	
Setup	Local	On screen setup via keypad, I/R remote controller, USB mouse, and/or RS-485 keyboard	
	Remote	Setup & upload via Windows application software	
	Multi-lingual	Yes	
Reliability	System recovery	Auto power on after power loss recovery	
	Watch Dog/ Timer	Yes/ Built-in real time clock	
	Security	4 levels, up to 18 accounts protection with authentication key for remote access	
Weights & Measures	Dimension & Weight	319 x 209 x 50mm, 2.0 KG	435 x 288 x 55mm, 2.3 KG
Power	NVR	+12VDC/ 36W Max.	
Consumption	PoE	+48VDC/ 50W Max.	
Operating Temperature		0°C ~ +45°C	

16Ch, H.264 Stand Alone NVR



Main Features:

- * 16 channels 720P/1080P/3MP/4MP/5MP IPCAM input, total 38MP
- * Plug & Play, Smart recording system
- * Support ONVIF Profile S support or RTSP
- * 128Mbps/5MP, Up to 150Mbps incoming bandwidth, including live display
- * 2 ways audio capabilities.
- * 2/5 internal SATA HDD up to 12/30TB
- * Build-in VGA/HDMI output up to 1080P resolution
- * **Optional PoE * 16**
- * Alarm in * 16/ alarm out * 2 (NC or NO)
- * Support push alarm notification to mobile phones
- * Free DDNS server

Specification

Model		AVR116SU (16)	AVR116SUH (16)
Video	Input	Up to 16CH, 5MP/CH, total 38MP	
	Format	ONVIF Profile S	
	Main monitor	VGA D-sub 15pin connector, HDMI, BNC X1 (Call)	
	Loss detection/ Motion detection	Yes/ Yes, with configurable detection area & sensitivity	
PoE	Input	Optional 16-port PoE or 16 Ethernet port build in 8-port PoE	
Audio	Input	1 RCA-jack connector, line-in level (100mV-1Vrms)	
	Output	HDMI, 1 RCA-jack connector, line-out level (up to 1Vrms)	
Record	Compression	IP-CAM: H.264/ Audio: ADPCM	
	Resolution(fps)	128Mbps/5MP, Up to 150Mbps incoming bandwidth, including live display	
	Watermark	Yes	
	Mode	Manual/Schedule/Alarm/Motion	
Display	Pre-record/ Post-record time	0~10 seconds/ 0~60 minutes	
	Resolution	HDMI/VGA-- 1920 X1080	
	Split windows/ Digital Zoom	1/4/7/9/16; X2, X4	
	Frame rate	Up to 30 / 25 fps per display window	
Playback	Sequential switch	User adjustable	
	Resolution(fps)	64Mbps/5MP	
Storage	Search	Smart search, Date/time, Camera, Alarm, Motion, & Video Loss	
	HDD	2 set of 3.5" SATA type HDD, > 4TB/HDD, Failure detection supported, Privacy law supported	5 set of 3.5" SATA type HDD, > 4TB/HDD, Failure detection supported, Privacy law supported
	HDD Extension	1 eSATA connector for up to 5 HDDs	
	Partitions	Configurable alarm partition size, Configurable auto-overwrite or not	
Alarm	Backup	1 USB 2.0 ports for USB disk drives, Self playback for backup files	
	Input	16 contact or TTL/CMOS signal, polarity selectable	
	Output	2 Normally Open, 2 Normally Closed relay output	
	Buzzer/ Event log	Yes/ Yes	
Network	Triggered by	Sensor input, Video loss, & Motion	
	Ethernet	1 RJ-45 10M/100M/1G bps Ethernet connector	
	Web	Remote setup, monitoring, backup & alarm notification, remote software upgrade, Support Win7, WinVista, WinXP and Win2000, 1 I.E/Firefox for multiple DVRs (64 windows)	
	E-mail/Push Alarm	Alarm notification to stationary or mobile devices	
	USB Dongle	Support 3G dongle	
	DDNS	Free	
	Remote Station	PC, mobile phone, PDA or tablet PC	
	Remote Users	Up to 8 users simultaneously	
	FTP	Alarm video/audio file storage	
	Audio	Bi-directional	
Control	Bandwidth	TCP/IP type dynamic sliding window control	
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, UPnP, RTSP, P2P	
	I/R	1 remote controller for up to 4 NVRs	
	RS-485	2-pin for keyboard, POS, etc.	
Setup	RS-232	D-type male connector for keyboard/POS	
	Local	On screen setup via keypad, I/R remote controller, USB mouse, and/or RS-485 keyboard	
	Remote	Setup & upload via Windows application software	
Reliability	Multi-lingual	Yes	
	System recovery	Auto power on after power loss recovery	
	Watch Dog/ Timer	Yes/ Built-in real time clock	
Weights & Measures	Security	4 levels, up to 18 accounts protection with authentication key for remote access	
	Dimension & Weight	430 x 280 x 56 mm, 4.5 KG	430 x 350 x 65 mm, 5.0 KG
Power Consumption	NVR	+12VDC/ 60W Max.	
	PoE	Optional +48VDC/ 100W/200W Max.	
Operating Temperature	0°C ~ +45°C		

32Ch, H.264 Stand Alone NVR



Main Features:

- * 32 channels 720P/1080P/3MP/4MP/5MP IPCAM input, total 76MP
- * Plug & Play, Smart recording system
- * Support ONVIF Profile S support or RTSP
- * 128Mbps/5MP, Up to 150Mbps incoming bandwidth, including live display
- * 2 ways audio capabilities.
- * 2/5 internal SATA HDD up to 12/30TB
- * Build-in VGA/HDMI output up to 1080P resolution
- * **Optional PoE * 16**
- * Alarm in * 16/ alarm out * 2 (NC or NO)
- * Support push alarm notification to mobile phones
- * Free DDNS server

Specification

Model		AVR132SU (16)	AVR132SUH (16)
Video	Input	Up to 32CH, 5MP/CH, total 76MP	
	Format	ONVIF Profile S	
	Main monitor	VGA D-sub 15pin connector, HDMI, BNC X1 (Call)	
	Loss detection/ Motion detection	Yes/ Yes, with configurable detection area & sensitivity	
PoE	Input	Optional 16-port PoE or 16 Ethernet port build in 8-port PoE	
Audio	Input	1 RCA-jack connector, line-in level (100mV-1Vrms)	
	Output	HDMI, 1 RCA-jack connector, line-out level (up to 1Vrms)	
Record	Compression	IP-CAM: H.264/ Audio: ADPCM	
	Resolution(fps)	128Mbps/5MP, Up to 150Mbps incoming bandwidth, including live display	
	Watermark	Yes	
	Mode	Manual/Schedule/Alarm/Motion	
Display	Pre-record/ Post-record time	0~10 seconds/ 0~60 minutes	
	Resolution	HDMI/VGA-- 1920 X1080	
	Split windows/ Digital Zoom	1/4/7/9/16; X2, X4	
	Frame rate	Up to 30 / 25 fps per display window	
Playback	Sequential switch	User adjustable	
	Resolution(fps)	64Mbps/5MP	
Storage	Search	Smart search, Date/time, Camera, Alarm, Motion, & Video Loss	
	HDD	2 set of 3.5" SATA type HDD, > 4TB/HDD, Failure detection supported, Privacy law supported	5 set of 3.5" SATA type HDD, > 4TB/HDD, Failure detection supported, Privacy law supported
	HDD Extension	1 eSATA connector for up to 5 HDDs	
	Partitions	Configurable alarm partition size, Configurable auto-overwrite or not	
Alarm	Backup	1 USB 2.0 ports for USB disk drives, Self playback for backup files	
	Input	16 contact or TTL/CMOS signal, polarity selectable	
	Output	2 Normally Open, 2 Normally Closed relay output	
	Buzzer/ Event log	Yes/ Yes	
Network	Triggered by	Sensor input, Video loss, & Motion	
	Ethernet	1 RJ-45 10M/100M/1G bps Ethernet connector	
	Web	Remote setup, monitoring, backup & alarm notification, remote software upgrade, Support Win7, WinVista, WinXP and Win2000, 1 I.E/Firefox for multiple DVRs (64 windows)	
	E-mail/Push Alarm	Alarm notification to stationary or mobile devices	
	USB Dongle	Support 3G dongle	
	DDNS	Free	
	Remote Station	PC, mobile phone, PDA or tablet PC	
	Remote Users	Up to 8 users simultaneously	
	FTP	Alarm video/audio file storage	
	Audio	Bi-directional	
Control	Bandwidth	TCP/IP type dynamic sliding window control	
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, UPnP, RTSP, P2P	
	I/R	1 remote controller for up to 4 NVRs	
	RS-485	2-pin for keyboard, POS, etc.	
Setup	RS-232	D-type male connector for keyboard/POS	
	Local	On screen setup via keypad, I/R remote controller, USB mouse, and/or RS-485 keyboard	
	Remote	Setup & upload via Windows application software	
Reliability	Multi-lingual	Yes	
	System recovery	Auto power on after power loss recovery	
	Watch Dog/ Timer	Yes/ Built-in real time clock	
Weights & Measures	Security	4 levels, up to 18 accounts protection with authentication key for remote access	
	Dimension & Weight	430 x 280 x 56 mm, 4.5 KG	430 x 350 x 65 mm, 5.0 KG
Power Consumption	NVR	+12VDC/ 60W Max.	
	PoE	Optional +48VDC/ 100W/200W Max.	
Operating Temperature	0°C ~ +45°C		