

Tesla Series XVR

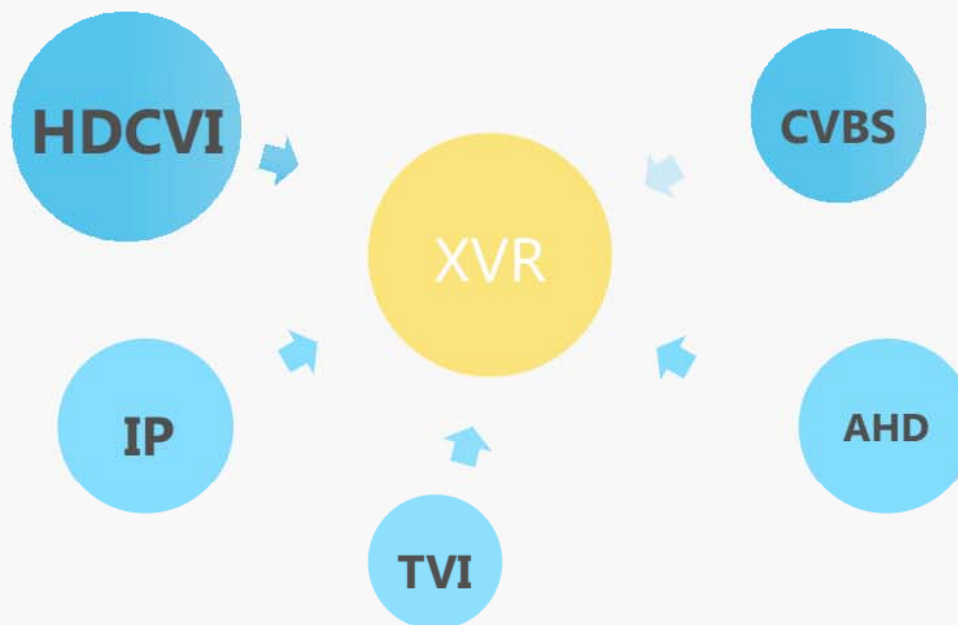


A New Generation of XVR
Everything is possible with X

Dahua Technology, September 2017

Full compatibility

- Support HDCVI, AHD, TVI, CVBS self-adaptive input
- 5 series full channels support A/D conversion to achieve IP camera input



Coaxial function



Alarm



Audio



Firmware data



Coaxial Cable



XVR5000-4M/4KL Series

Make the system deployment **simple and cost-effective.**



DH9931

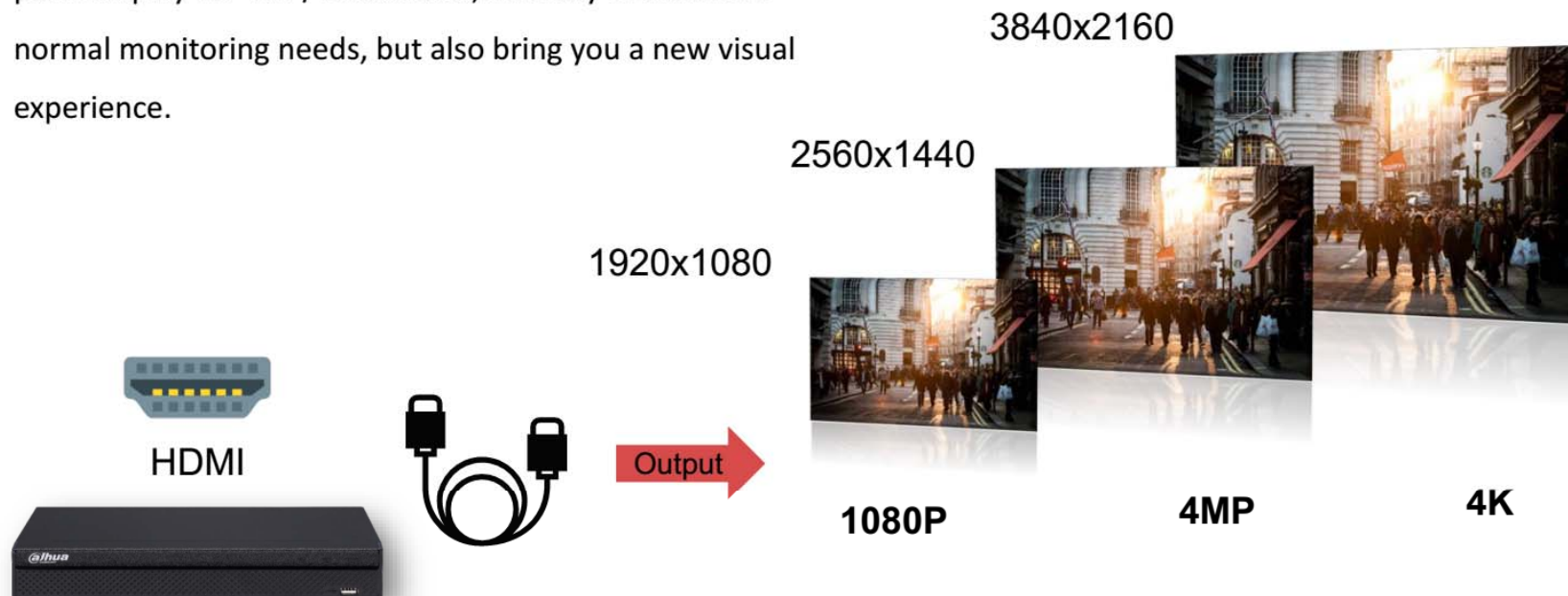
The newly released Dahua AD DH9931 chipset features better image quality, full compatibility, and supports higher resolution video signal input. It is a breakthrough in achieving audio/alarm/data transmission over coaxial cable, which is now possible on the XVR5000-4M/4KL series.



- Coaxial function
- Penta-brid 5-in-1
- Better image quality
- 4MP/4K input

2K/4K resolution output

HDMI output at up to 2K/4K resolution, it realizes point to point display for 4MP/4K cameras, not only to meet the normal monitoring needs, but also bring you a new visual experience.



● HDCVI ● AHD ● TVI

Resolution\Products	XVR5000-4KL	XVR5000-4M	XVR5000-S2	XVR4000-S2
4K	●			
5MP		● ●		
4MP	● ● ●	● ● ●	● ● ●	
3MP		● ●		
4M-N				
1080P	● ● ●	● ● ●	● ● ●	● ● ●
1080N				
720P	● ● ●	● ● ●	● ● ●	● ● ●
960H	● ● ●	● ● ●	● ● ●	● ● ●



New

	XVR7000	HCVR7000-4M	XVR5000-4M/4KL
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264
Video Access	HDCVI/AHD/TVI/CVBS/IP	HDCVI/CVBS/IP	HDCVI/AHD/TVI/CVBS/IP
Resolution	720P/1080P	720P/1080P/4M	720P/1080P/4MP/4K 
Coaxial Audio	N/A	N/A	Broadcast Lv. Audio 
Fan	General	General	Smart Fan Control 
Image	General	Better Image Quality	Better Image Quality 
IP Camera Input	N+M	N+M	N+M



New

	XVR5000	XVR5000-S2
Video Compression	H.264+/H.264	H.264+/H.264
Video Access	HDCVI/AHD/TVI/CVBS/IP	HDCVI/AHD/TVI/CVBS/IP
Resolution	720P/1080N/1080P	720P/1080N/1080P/4M-N
Coaxial Audio	N/A	Broadcast lv. Audio
Fan	General	Smart Fan control
Image	General	Better Image Quality
IP Camera Input	N+M	N+M





New

	XVR4000	XVR4000-S2
Video Compression	H.264	H.264
Video Access	HDCVI/AHD/TVI/CVBS/IP	HDCVI/AHD/TVI/CVBS/IP
Coaxial Audio	N/A	Broadcast Lv. Audio 
Fan	General	Smart Fan Control 
IP Camera Input	N+M	N+M
Image	General	Better Image Quality 
Ethernet	100M port	100M port

HDCVI CAMERA

IoT Series

- Video linkage with all kinds of sensors
- Video with real-time temperature & humidity info overlay enhances monitoring efficiency
- Gateway camera integrates wireless alarm devices and provides visual records for triggered alarms
- Accurate detection based on HDCVI video surveillance & PIR
- Multi-signal communication over coaxial cable

IoT Series						
Model	MotionEye					
	HAC-LC1220T-TH	HAC-LC1200SL-W	HAC-ME1400B	HAC-ME1200B	HAC-HUM1220A	HAC-HUM1220A-W
Image Sensor	1/2.9" 2MP CMOS	1/2.7" 2MP CMOS	1/3" 4MP CMOS	1/2.7" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS
Min. Illumination	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.03Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0Lux/F2.0 (IR On)	0.02Lux/F2.0 (Color) 0.002Lux/F2.0 (B/W)	0.02Lux/F2.0 (Color) 0.002Lux/F2.0 (B/W)
Lens	3.6mm (2.8mm, 6mm Optional)	3.6mm (6mm Optional)	2.8mm	2.8mm	2.8mm	2.8mm
FOV-H	82.8°(106°/51°)	89.9°(54.7°)	107.2°	112°	100.5°	100.5°
Day/Night	ICR	ICR	ICR	ICR	Electronic	Electronic
Max. IR Distance	20m (66ft), Smart IR	30m (98ft), Smart IR	20m (66ft), Smart IR	20m (66ft), Smart IR	-	-
OSD Menu	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language	Multi-language
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D	2D	2D
Frame Rate	30fps@1080P, 30/60fps@720P	30fps@1080P, 30/60fps@720P	30fps@4MP, 30fps@1080P, 30fps@720P	30fps@1080P, 30/60fps@720P	30fps@1080P, 30/60fps@720P	30fps@1080P, 30/60fps@720P
Video Output	HD/SD Switchable (Video only)	HD/SD Switchable (Video only)	HD/SD Switchable (Video only)	HD/SD Switchable (Video only)	HD/SD Switchable (Video only)	HD/SD Switchable (Video only)
IoT Features	Built-in Temperature & Humidity Sensor Detection Range: -40°C~+60°C (-40°F ~ +140°F) & 10-95%RH	Built-in Airfly Tranceiver Up to 32 Wireless Devices Connection Transmission Range up to 100m (Open Space)	Accurate Alarm Based on PIR & Motion Dual-detection Coax Alarm Out	Accurate Alarm Based on PIR & Motion Dual-detection Coax Alarm Out	Built-in PIR Coax Alarm Out	Built-in PIR Coax & Wireless Alarm Out
Pan/Tilt/Rotation	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~180°; Tilt: 0°~180° Rotation: 0°~360°	Pan: 0°~180°; Tilt: 0°~180° Rotation: 0°~360°
Ingress Protection	IP67	IP67	IP67	IP67	-	-
Working Temperature	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-10°C~+50°C (14°F ~ +122°F)	-10°C~+50°C (14°F ~ +122°F)	-10°C~+50°C (14°F ~ +122°F)	-10°C~+50°C (14°F ~ +122°F)
Power	DC12V±25% Max. 3.4W	DC12V±25% Max. 4.2W	DC12V±30% Max. 4.4W	DC12V±30% Max. 4.1W	DC12V±25% Max. 0.7W	DC12V±25% Max. 0.7W

Key Features

- HD/SD toggle (video only)
- 2.8mm fixed lens
- 10m/110° detection range/angle (PIR function, HDCVI mode only)
- Max. IR length 20m, Smart IR
- IP67, DC12V



HDCVI



- Max 30fps@1080P
- HD and SD output switchable
- 2.8mm fixed lens
- 12m/100°detecting range/angle
- Two level detection sensitivity adjustable
- Built-in tamper switch
- DC12V



PIR Local Settings

After connecting the camera to the HCVR, configure settings by visiting "Main Menu > Setting > Event". You can then enable or disable the PIR. Click "Save" after changing settings.

* When using PIR, please make sure your monitoring requirements meet PIR coverage specifications.

Note:

The following back-end devices support PIR functionality.

Model:

XVR5000-4M/4L

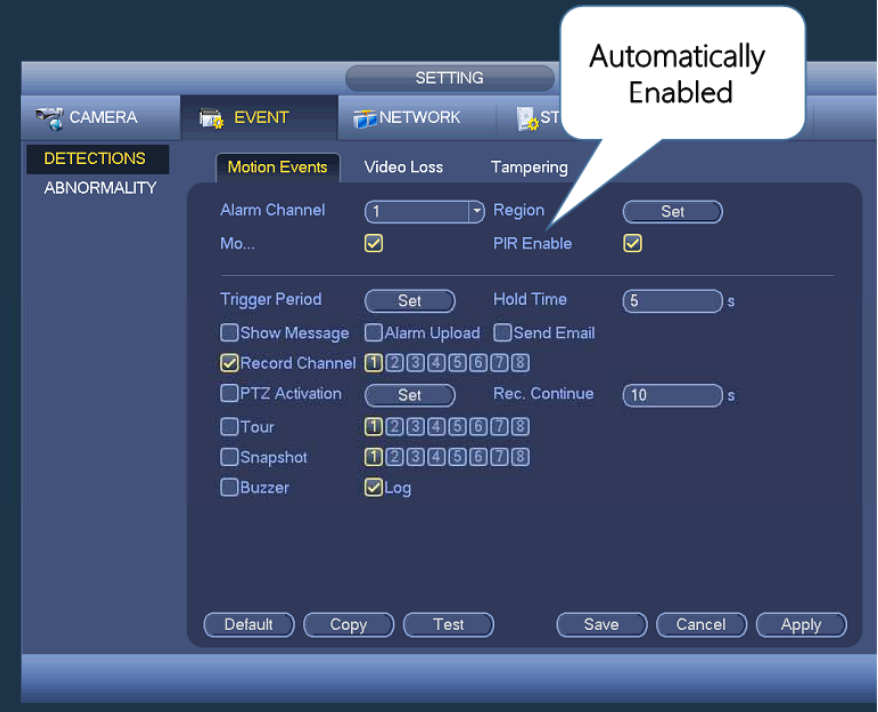
The following back-end devices require customization to enable PIR support.

Model:

HCVR-S3

XVR5400\XVR5800\XVR7400\XVR7800

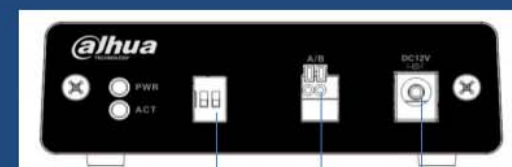
HCVR7000-4M/-4K



Alarm Box Support

- A XVR supports max 4 alarm boxes access
- Use 2-bit DIP switch to determine the different alarm boxes access

ARB1606



2-bit DIP switch
RS485 interface
12V power input

H case device with no alarm interface

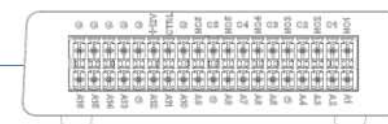


RS485 interface

Up to 1200m



Rear panel



Alarm In/Out: 16/6

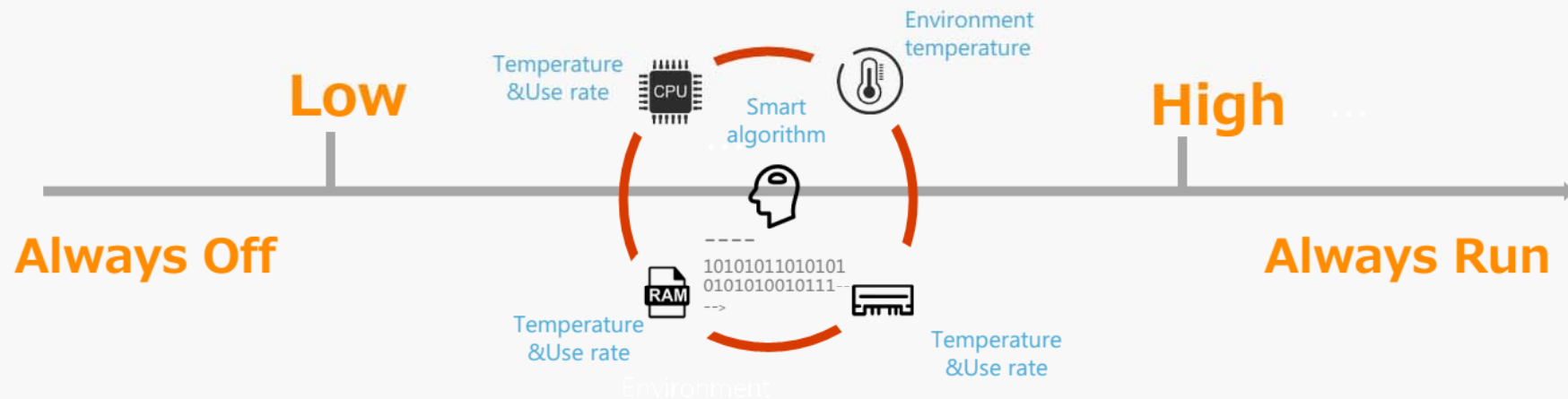
To Expand the Alarm In & Out interfaces of the XVR

Smart Fan Design

- Reduce the fan noise to provide a better user experience
- Expand the life of the fan
- Reduce power consumption and save energy



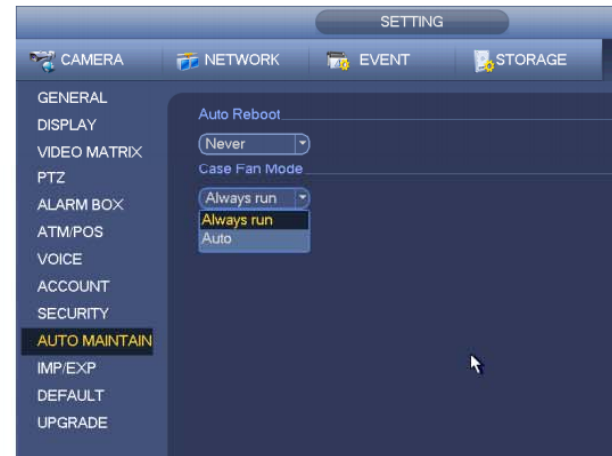
Smart Fan



Intelligent fan design



Case Fan



GUI

The intelligent fan can automatically turn on or turn off according to the CPU temperature. This function can effectively reduce the fan noise to provide a better user experience and expand the life of the fan.

2 case fan modes : Auto/Always run

High edition of Tesla Series



Smart 1U

XVR5104C-4M



Compact 1U

XVR5104HS-4M
XVR5108HS-4KL



Mini 1U

XVR5104H-4M
XVR5108/16H-4KL



1U

XVR5204AN-4M
XVR5208/16AN-4KL

Cost-effective edition of Tesla Series



Smart 1U

XVR5104/08C-S2

XVR4104/08C-S2



Compact 1U

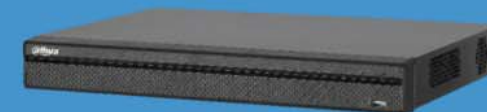
XVR5104/08/16HS-S2

XVR4104/08/16HS-S2



Mini 1U

XVR5104/08/16H-S2
XVR5104/08/16HE-S2



1U

XVR5204/08/16A-S2
XVR5204/08/16/32AN-S2

XVR4204/08/16A-S2
XVR4216/32AN-S2

