





CATALOGUE  
2016

VEO  by AMC






NEW TECHNOLOGIES  
FOR YOUR SECURITY

  
YOUR SECURITY CHOICE

# AHD IR Camera

	<b>DM-V2</b> <b>AHD</b> Varifocal <b>IR CUT</b>	<b>TL-V</b> <b>AHD</b> Varifocal <b>IR CUT</b>	<b>DM-V1</b> <b>AHD</b> Varifocal <b>IR CUT</b>	<b>TL-F</b> <b>AHD</b> Fix Lens <b>IR CUT</b>
				
	<b>2.2MP</b>	<b>2.2MP</b>	<b>1.3MP</b>	<b>1.3MP</b>
<b>IMAGE SENSOR</b>	IMX322 + 2441H	IMX322 + 2441H	IMX225 + 2431H	Sony 225 + Nextchip 2431H
<b>TV SYSTEM</b>	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC
<b>IMAGE RESOLUTION</b>	1920*1080	1920*1080	1280*960	1920*960
<b>HORIZONTAL RESOLUTION</b>	2.2 MP	2.2 MP	1.3 MP	1.3 MP
<b>SYNC</b>	Internal	Internal	Internal	Internal
<b>VIDEO OUTPUT</b>	1.0Vp-p Composite Signal (75ohm)	1.0Vp-p Composite Signal (75ohm)	1.0Vp-p Composite Signal (75ohm)	1.0Vp-p Composite Signal (75ohm)
<b>MINIMUM ILLUMINATOR</b>	0 Lux (ir ON)	0 Lux (ir ON)	0 Lux (ir ON)	0 Lux (ir ON)
<b>GAMMA ADJUSTING</b>	0,45	0,45	0,45	0,45
<b>ELECTRIC SHUTTER</b>	PAL:1/50s-1/100000s NTSC:1/60s-1/100000s	PAL:1/50s-1/100000s NTSC:1/60s-1/100000s	PAL:1/50s-1/100000s NTSC:1/60s-1/100000s	PAL:1/50s-1/100000s NTSC:1/60s-1/100000s
<b>S/N RATIO</b>	58dB (min) (AGC closed)	58dB (min) (AGC closed)	58dB (min) (AGC closed)	58dB (min) (AGC closed)
<b>LENS</b>	2,8-12 mm HD 3MP Lens	2,8-12 mm HD 3MP Lens	HD 3MP 2,8-12 mm manual zoom lens	3,6 mm HD 3MP Lens
<b>LEDS</b>	2 pcs DOT IR	8 pcs DOT IR	36 pcs* $\varnothing$ 5 mm	6 pcs DOT IR
<b>DNR</b>	YES	YES	YES	YES
<b>AWB</b>	AUTO	AUTO	AUTO	AUTO
<b>AGC</b>	AUTO	AUTO	AUTO	AUTO
<b>BLC</b>	ON/OFF	ON/OFF	ON/OFF	ON/OFF
<b>DAY / NIGHT</b>	AUTO IR CUT	AUTO IR CUT	AUTO IR CUT	AUTO IR CUT
<b>OSD</b>	YES	YES	YES	YES
<b>POWER INPUT</b>	DC12V $\pm$ 1V	DC12V $\pm$ 1V	DC12V $\pm$ 1V	DC12V $\pm$ 1V
<b>OPERATION TEMPERATURE</b>	Temperature -10°C~+75°C Humidity less than 85%RH	Temperature -10°C~+75°C Humidity less than 85%RH	Temperature -10°C~+75°C Humidity less than 85%RH	Temperature -10°C~+75°C Humidity less than 85%RH
<b>WEIGHT</b>	0,9 kg	1,2 kg	0,98 kg	1,0 kg

# HD CVI Camera

	TL/cvDF HD CVI Fix Lens IR CUT	TL/cvF HD CVI Fix Lens IR CUT	TL/cvD HD CVI Varifocal IR CUT	TL/cvv2M HD CVI Varifocal IR CUT	TL/cvv HD CVI Varifocal IR CUT
					
	1MP	1MP	2MP	2MP	1MP
<b>IMAGE SENSOR</b>	1/3" 1 Megapixel CMOS		1/3" 2 Megapixel CMOS		1/3" 1 Megapixel CMOS
<b>TV SYSTEM</b>	PAL / NTSC		PAL / NTSC		PAL / NTSC
<b>VIDEO FRAME RATE</b>	NTSC: 30 fps/CH PAL: 25 fps/CH		NTSC: 30 fps/CH PAL: 25 fps/CH		NTSC: 30 fps/CH PAL: 25 fps/CH
<b>VIDEO COMPRESSION</b>	H 264		H 264		H 264
<b>IMAGE RESOLUTION</b>	1280(H)*720(V)		1920(H)*1080(V)		1280(H)*720(V)
<b>HORIZONTAL RESOLUTION</b>	1 MP		2 MP		1 MP
<b>SYNC</b>	Internal		Internal		Internal
<b>VIDEO OUTPUT</b>	1.0Vp-p (75ohm)		1.0Vp-p (75ohm)		1.0Vp-p (75ohm)
<b>MINIMUM ILLUMINATION</b>	0.01Lux@F1.2 (0Lux IR LED on)		0.01Lux@F1.2 (0Lux IR LED on)		0.01Lux@F1.2 (0Lux IR LED on)
<b>ELECTRIC SHUTTER</b>	PAL:1/50s~1/100,000s NTSC:1/60s~1/100,000s		PAL:1/50s~1/100,000s NTSC:1/60s~1/100,000s		PAL:1/50s~1/100,000s NTSC:1/60s~1/100,000s
<b>DAY / NIGHT</b>	Auto (ICR) / B&W / Color		Auto (ICR) / B&W / Color		Auto (ICR) / B&W / Color
<b>S/N RATIO</b>	48dB (min) (AGC closed)		48dB (min) (AGC closed)		48dB (min) (AGC closed)
<b>DNR</b>	3DNR		3DNR		3DNR
<b>NOISE REDUCTION</b>	2D		2D		2D
<b>AWB</b>	AUTO		AUTO		AUTO
<b>AGC</b>	AUTO		AUTO		AUTO
<b>BLC</b>	AUTO		AUTO		AUTO
<b>FOCAL LENGTH</b>	3,6 mm HD 3MP Lens		HD 3MP 2,8-12 mm manual zoom lens		HD 3MP 2,8-12 mm manual zoom lens
<b>IR CUT</b>	YES		YES		YES
<b>IR LED</b>	24 pcs*5mm IR-LED	30 pcs*5mm IR-LED	36 pcs*5mm IR-LED	42 pcs*5mm IR-LED	42 pcs*5mm IR-LED
<b>IR RANGE</b>	IR Range 20 mt	IR Range 25 mt	IR Range 35 mt	IR Range 35 mt	IR Range 35 mt
<b>POWER / CURRENT</b>	DC12V, 1A	DC12V, 1A	DC12V, 2A	DC12V, 2A	DC12V, 1A
<b>WORKING ENVIRONMENT</b>	-30°C~+60°C Less than 95%RH (no condensation)		-30°C~+60°C Less than 95%RH (no condensation)		-30°C~+60°C Less than 95%RH (no condensation)
<b>WATERPROOF LEVEL</b>	IP66		IP66		IP66
<b>TRANSMISSION DISTANCE</b>	Over 500m via 75-3 coaxial cable		Over 500m via 75-3 coaxial cable		Over 500m via 75-3 coaxial cable
<b>WEIGHT</b>	0,45 kg	0,8 kg	0,98 kg	1,5 kg	1,5 kg

# AHD DVR

	<b>AHD4E</b> 4CH Analog High Definition DVR	<b>AHD4N</b> 4CH Analog High Definition DVR	<b>AHD4</b> 4CH Analog High Definition DVR
			
<b>MAIN PROCESSOR</b>	Hi3515	Hi3520D	Hi3531A
<b>VIDEO COMPRESSION</b>	H.264	H.264	H.264
<b>ENCODE CAPABILITY</b>	720P	4*1080N real-time	1080P / 720P / 960H
<b>DECODE CAPABILITY</b>	720P	4*1080N	1080P / 720P / 960H
<b>MULTI-MODE INPUT</b>	4CH*720P@25fps	AHD: 4CH*1080N / 4CH*720P HVR: 2CH*720P+2CH*720P NVR: 8CH*1080P / 8CH*720P	AHD DVR: 4*1080P HVR: 8*1080P / 16*960P / 4*3M / 4*5M Mixed: 4*1080P (AHD) + 4*1080P (IPC)
<b>AUDIO COMPRESSION</b>	G.711A	G.711A	G.711A
<b>INTERCOM</b>	support	support	support
<b>RECORD MODE</b>	Manual > alarm > motion detection > timing	Manual > alarm > motion detection > timing	Manual > alarm > motion detection > timing
<b>PLAYBACK</b>	4ch 720P playback	4*1080N	4*1080P realtime
<b>SPACE OCCUPATION</b>	960H: 12~20G / day*channel 720P: 20G~30G / day*channel audio: 691.2M / day*channel	960H: 12~20G / day*channel 720P: 20G~30G / day*channel audio: 691.2M / day*channel	960H: 12~20G / day*channel 720P: 20G~30G / day*channel audio: 691.2M / day*channel
<b>BACKUP MODE</b>	Network backup, USB HDD, USB writer	Network backup, USB HDD, USB writer	Network backup, USB HDD, USB writer
<b>VIDEO INPUT</b>	4*BNC	4*BNC	4*BNC
<b>VIDEO OUTPUT</b>	1*VGA / 1*HDMI	1*VGA / 1*HDMI	1*VGA / 1*HDMI
<b>AUDIO INPUT</b>	1ch	4ch	4ch
<b>AUDIO OUTPUT</b>	1ch	1ch	1ch
<b>ALARM INPUT</b>	NO	NO	4ch
<b>ALARM OUTPUT</b>	NO	NO	1ch
<b>NETWORK INTERFACE</b>	RJ45 10M/100M Adaptive Ethernet port	RJ45 10M/100M Adaptive Ethernet port	RJ45 10M/100M Adaptive Ethernet port
<b>PTZ CONTROL</b>	One RS485, support multiple PTZ protocols	One RS485, support multiple PTZ protocols	One RS485, support multiple PTZ protocols
<b>USB</b>	1 USB port	2 USB port	2 USB port
<b>HARD DISK</b>	1 SATA HDD (MAX 6TB )	1 SATA HDD (MAX 4TB )	2 SATA HDD (MAX 12TB )
<b>WIRELESS</b>	3G / WIFI	3G / WIFI	3G / WIFI
<b>POWER</b>	12V , 2A	12V , 2A	12V , 4A

## Features:

- Support VGA, HDMI 1080P full HD output
- Support XM Cloud technology, easy to achieve a variety of network penetration, one step to remote monitoring, getting rid of various complicated network settings, easy and simple to operate
- Support various mobile monitoring: (IOS, Windows Mobile, BlackBerry, Symbian, Android)
- Support multiple web browsers (IE, Chrome, Firefox, Safari)
- Support more than 20 languages (English, French, German, Italian, etc.)
- Perfect protection circuit, unique triple watchdog function
- Supporting web, CMS, center platform management software MYEYE, provide SDK development



# AHD DVR

	<b>AHD8N</b> 8CH Analog High Definition DVR	<b>AHD8</b> 8CH Analog High Definition DVR	<b>AHD16</b> 16CH Analog High Definition DVR
			
<b>MAIN PROCESSOR</b>	Hi3521	Hi3531A	Hi3531+ Hi3532
<b>VIDEO COMPRESSION</b>	H.264	H.264	H.264
<b>ENCODE CAPABILITY</b>	8*1080N real-time	1080P / 720P / 960H	1080P / 720P / 960H / D1
<b>DECODE CAPABILITY</b>	4*1080N	1080P / 720P / 960H	1080P / 720P / 960H / D1
<b>MULTI-MODE INPUT</b>	AHD DVR: 16CH*1080N@13fps or 16CH*960H HVR: (Analog+IP) 8CH*1080N+8CH*960P NVR: 8CH*960P+16CH*960P or 4CH*3M+4CH*5M	AHD DVR: 8CH*1080P or 8CH*720P HVR: (Analog+IP): 8CH*1080P+8CH*1080P NVR: 8*1080P, 8*960P, 8*3M, 4*5M	Analog Mode: 16*AHD-H, 16*AHD-M HVR Mode: 2*AHD-H (analog)+2*1080P (network) 4*AHD-M (analog)+4*720P (network) NVR Mode: 1*1080P+8*720P, 4*1080P, 20*960H
<b>AUDIO COMPRESSION</b>	G.711A	G.711A	G.711A
<b>INTERCOM</b>	support	support	support
<b>RECORD MODE</b>	Manual > alarm > motion detection > timing	Manual > alarm > motion detection > timing	Manual > alarm > motion detection > timing
<b>PLAYBACK</b>	4*1080N	8ch 720P realtime playback	8*1080P@12fps playback
<b>SPACE OCCUPATION</b>	960H: 12~20G / day*channel 720P: 20G~30G / day*channel audio: 691.2M / day*channel	960H: 12~20G / day*channel 720P: 20G~30G / day*channel audio: 691.2M / day*channel	960H: 12~20G / day*channel 720P: 20G~30G / day*channel audio: 691.2M / day*channel
<b>BACKUP MODE</b>	Network backup, USB HDD, USB writer	Network backup, USB HDD, USB writer	Network backup, USB HDD, USB writer
<b>VIDEO INPUT</b>	8*BNC	8*BNC	16*BNC
<b>VIDEO OUTPUT</b>	1*VGA / 1*HDMI	1*VGA / 1*HDMI	1*VGA / 1*HDMI
<b>AUDIO INPUT</b>	4ch	4ch	4ch
<b>AUDIO OUTPUT</b>	1ch	1ch	1ch
<b>ALARM INPUT</b>	NO	4ch	8ch
<b>ALARM OUTPUT</b>	NO	1ch	1ch
<b>NETWORK INTERFACE</b>	RJ45 10M/100M Adaptive Ethernet port	RJ45 10M/100M Adaptive Ethernet port	RJ45 10M/100M Adaptive Ethernet port
<b>PTZ CONTROL</b>	One RS485, support multiple PTZ protocols	One RS485, support multiple PTZ protocols	One RS485, support multiple PTZ protocols
<b>USB</b>	2 USB port	2 USB port	2 USB port
<b>HARD DISK</b>	1 SATA HDD (MAX 4TB )	2 SATA HDD (MAX 12TB )	2 SATA HDD (MAX 12TB )
<b>WIRELESS</b>	3G / WIFI	3G / WIFI	3G / WIFI
<b>POWER</b>	12V , 2A	12V , 4A	12V , 4A

## Features:

- Support VGA, HDMI 1080P full HD output
- Support XM Cloud technology, easy to achieve a variety of network penetration, one step to remote monitoring, getting rid of various complicated network settings, easy and simple to operate
- Support various mobile monitoring: (IOS, Windows Mobile, BlackBerry, Symbian, Android)
- Support multiple web browsers (IE, Chrome, Firefox, Safari)
- Support more than 20 languages (English, French, German, Italian, etc.)
- Perfect protection circuit, unique triple watchdog function
- Supporting web, CMS, center platform management software MYEYE, provide SDK development



# HD CVI DVR

## CVI4 HD CVI DVR



## CVI8 HD CVI DVR



OPERATING SYSTEM	Embedded LINUX System	
COMPRESSION STANDARD	H.264 / G.711A, G.711U, PCM	
ENCODE CAPABILITY	4*720P@15fps	8*720P@15fps
DECODE CAPABILITY (PLAY BACK)	4*720P@15fps	8*720P@15fps
MULTI-MODE INPUT	CVI: 4*720P - IPC: MAX 4*1080P	CVI: 4*720P - IPC: MAX 4*1080P
OUTPUT	1*VGA, 1*HDMI	
FRAME RATE	PAL:1~25F/S, NTSC:1~30F/S	
CODE STREAM	1536 Kbps~4096 Kbps, 720P / 1080P Default 2M Stream, MAX 4M Stream	
IMAGE RESOLUTION	1080P / 720P / 960H / D1 / HD1 / 2CIF / CIF / QCIF - Support dual-stream	
DISPLAY SPLIT	1ch / 4ch	1ch / 4ch / 8ch / 9ch
INPUT / OUTPUT	1*RCA Interface / 1*RCA Interface	
TWO-WAY	Support Mic in, Mic out	
BIT RATE	8KHz, 16Bit	
CODE RATE	64 Kbps	
INTERNAL HDD	1 SATA Port	
HDD MANAGEMENT	Each HDD MAX 4T	
RECORD MODE	AUTO Record, Manual Record, Motion Detection Record, Alarm Record	
RECORD CIRCULATION	Support circulation overwrite recording	
PLAYBACK MODE	Support multiple slow playback, multiple fast playback, manual single frame playback, inverted playback, etc.	
MULTIPLE CHANNEL PLAYBACK	Support 1ch, 2ch, 3ch, 4ch, 8ch, 16ch synch-playback	
PRIVACY MASKING	Support Max. 4 zones in one screen (each zone no size limitation)	
MOTION DETECTION	Zone Setting: 396 (PAL 22×18 NTSC 22×15) Detection Sensitivity Setting: Multiple Level of Sensitivity, Linkage Record, External Alarm, Popup Screen Tip	
ORGANISE / WITHDRAW DEFENCE	6 periods of time per day	
LOG QUERY	Max.1024 log on shown, Support searching log information based on the time and type	
BACKUP MODE	Support HDD, CD writer and USB device storage and backup	
USB	2*USB 2.0 interface (one in front panel, one in back panel or 2 in back panel)	
NETWORK	1*RJ45 interface, 100M Ethernet interface	
RS485	1* RS485 Interface	
ALARM PRERECORD	Max. 30 seconds	
POWER SUPPLY	DC 12V	
POWER CONSUMPTION	≤15W (with Adapter, without HDD)	
WORKING TEMPERATURE	-10°C ~ +55°C	
WORKING HUMIDITY	10% ~ 90%	

# HD CVI DVR

## CVI16

HD CVI DVR



<b>OPERATING SYSTEM</b>	Embedded LINUX System
<b>COMPRESSION STANDARD</b>	H.264 / G.711A, G.711U, PCM
<b>ENCODE CAPABILITY</b>	16*720P@15fps
<b>DECODE CAPABILITY (PLAY BACK)</b>	16*720P@15fps
<b>MULTI-MODE INPUT</b>	CVI: 4*720P - IPC: MAX 4*1080P
<b>OUTPUT</b>	1*VGA, 1*HDMI
<b>FRAME RATE</b>	PAL:1~25F/S, NTSC:1~30F/S
<b>CODE STREAM</b>	1536 Kbps~4096 Kbps, 720P / 1080P Default 2M Stream, MAX 4M Stream
<b>IMAGE RESOLUTION</b>	1080P / 720P / 960H / D1 / HD1 / 2CIF / CIF / QCIF Support dual-stream
<b>DISPLAY SPLIT</b>	1ch / 4ch / 8ch / 9ch / 16ch
<b>INPUT / OUTPUT</b>	1*RCA Interface / 1*RCA Interface
<b>TWO-WAY</b>	Support Mic in, Mic out
<b>BIT RATE</b>	8KHz, 16Bit
<b>CODE RATE</b>	64 Kbps
<b>INTERNAL HDD</b>	2 SATA Port
<b>HDD MANAGEMENT</b>	Each HDD MAX 4T
<b>RECORD MODE</b>	AUTO Record, Manual Record, Motion Detection Record, Alarm Record
<b>RECORD CIRCULATION</b>	Support circulation overwrite recording
<b>PLAYBACK MODE</b>	Support multiple slow playback, multiple fast playback, manual single frame playback, inverted playback, etc.
<b>MULTIPLE CHANNEL PLAYBACK</b>	Support 1ch, 2ch, 3ch, 4ch, 8ch, 16ch synch-playback
<b>PRIVACY MASKING</b>	Support Max. 4 zones in one screen (each zone no size limitation)
<b>MOTION DETECTION</b>	Zone Setting: 396 (PAL 22×18 NTSC 22×15) Detection Sensitivity Setting: Multiple Level of Sensitivity, Linkage Record, External Alarm, Popup Screen Tip
<b>ORGANISE / WITHDRAW DEFENCE</b>	6 periods of time per day
<b>LOG QUERY</b>	Max.1024 log on shown, Support searching log information based on the time and type
<b>BACKUP MODE</b>	Support HDD, CD writer and USB device storage and backup
<b>USB</b>	2*USB 2.0 interface (one in front panel, one in back panel or 2 in back panel)
<b>NETWORK</b>	1*RJ45 interface, 100M Ethernet interface
<b>RS485</b>	1* RS485 Interface
<b>ALARM PRERECORD</b>	Max. 30 seconds
<b>POWER SUPPLY</b>	DC 12V
<b>POWER CONSUMPTION</b>	≤15W (with Adapter, without HDD)
<b>WORKING TEMPERATURE</b>	-10°C ~ +55°C
<b>WORKING HUMIDITY</b>	10% ~ 90%



## **AMC Elettronica srl**

### **Headquarter**

Via Pascoli, 359 - loc. Mirovano  
22040 Alzate Brianza (CO) Italy  
tel. +39 031 63 27 80  
fax +39 031 63 27 81  
info@amcelettronica.com

### **Production building**

Via degli Artigiani  
22040 Lurago d'Erba (CO) Italy  
info@amcelettronica.com

[www.amcelettronica.com](http://www.amcelettronica.com)