



DVR/NVR Family Brochure



Q1 2014

Smart Solutions for Complex Security Projects

AVer's wide range of complete surveillance solutions provides users with a variety of specifications and software support to accommodate the demands of most security projects. AVer's leading hybrid technology gives users the flexibility to support both megapixel IP cameras and analog cameras using the same DVR. This cost-effective approach allows for IP camera installation in critical areas and use of analog cameras in less critical areas or areas with extensive analog infrastructures already in place. Users in search of a pure network solution can match AVer's array of megapixel IP cameras with our embedded NVRs, like the powerful, cost-saving Linux-based E5016. Rounding out AVer's smart security solutions is its advanced DVR/NVR software which ensures a friendly user experience and easy management of events through video footage clustering.



Plug and Play

This exclusive feature makes installation as easy as possible. Simply connect AVer IP cameras with an AVer DVR/NVR and then sit back and watch as each IP camera is automatically detected and connected to the DVR or NVR. Have your system up and running in no time.



Intelligent Streaming

Through this unique feature of the AVer total surveillance solution, users can optimize remote and local monitoring by selecting compression types, frame rates and quality for specific streams, achieving excellent image performance, especially during multi-channel preview.



Simplified Camera Settings

Users can individually adjust the video size and frame rate for every connected analog camera plus easily setup attached IP cameras through friendly features like hassle-free protocol searching for most major IP camera brands.



Advanced Alarm Settings

AVer's extensive real-time alarming conditions, such as motion detection and abnormal events, are easily set to trigger specific actions to address the situation, such as activating warning sirens, sending alarm notifications to the central management system (CMS), or launching an E-map or a specified camera image to draw the user's attention.



			4CH	8CH	16CH	32CH
NVR	Embedded Linux	Standalone	 EXR6004 Mini HDD x 1	 E1008 HDD x 1	 E5016 RAID HDD x 4	
		PCI-e card	 NV6120T (PCIe 1x)	 NV6240T (PCIe 1x)	 NV6480T (PCIe 1x)	 NV6480T x 2
Hybrid DVR	Windows	PCI-e card			 NV8416T (PCIe 4x)	 NV8416T x 2
					 IWH5416 Touch II HDD x 6	 IWH5416+16 HDD x 6
	Embedded Windows				 IWH3216 Touch series IWH Touch: HDD x 4 IWH Touch II: HDD x 5	
				 E1008H HDD x 1	 E5016H RAID HDD x 4	
	Standalone			 EH6108H+ HDD x 4	 EH6216H+ HDD x 4	
					 EH1116H-4+ (up to 4 IP camera channels) HDD x 2	
			 EH1004H-4 Nano (up to 4 IP camera channels) HDD x 1	 EH1008H-4 Nano (up to 4 IP camera channels) HDD x 1	 EH1116H-4 Nano (up to 4 IP camera channels) HDD x 1	

* NV series capture cards are stackable up to 2 cards to create specialized configurations up to 32CH per PC.



		embedded hybrid DVR			
model	IWH5416+16		IWH5416 II	IWH3216 Touch II	IWH3216 Touch
application	Project-based DVR perfect for cases with demanding specification requirements E.g. airports, transportation hubs, government offices, banks, shopping malls			Professional DVR series innovatively designed for medium to large sized security projects E.g. shopping malls, hospitals, banks	
feature overview	<ul style="list-style-type: none">• Quad-core processor for enhanced, full HD images• Advanced data storage with up to 6 HDDs, plus e-SATA & iSCSI support• S.M.A.R.T. status alarm preventing HDD failure• All-new setup wizard for simplified system configuration			<ul style="list-style-type: none">• Dual-core processor for accelerated performance• Supports H.264 H/W compression up to 480 / 400fps recording• Advanced data storage with up to 5 hot-swappable HDD, plus e-SATA & iSCSI support• Intelligent video integration with iPOS, FaceFinder, PTZ tracking, and more	
system					
operating system	embedded Windows® 7 (64-bit)			embedded Windows® XP (32-bit)	
total channel number	32	16	16		
max. IP camera input	32	16	16		
max. analog camera input	16				
performance					
display (analog)	480 / 400fps (NTSC/PAL)				
display (IP)	2M @ 140fps			2M @ 40fps (2M @ 10fps per CH)	
recording (analog)	compression	H/W H.264			
	resolution	NTSC: 352 x 240 (CIF), 720 x 240 (Half-D1), 720 x 480 (D1)			
		PAL: 352 x 288 (CIF), 720 x 288 (Half-D1), 720 x 576 (D1)			
	frame rate (NTSC/PAL)	CIF: 480 / 400fps			
		Half-D1: 480 / 400fps			
recording (IP)	resolution	up to 5 megapixels per channel, and a total of 80 megapixels for all channels in H.264 / MPEG-4 / MJPEG format		up to 5 megapixels per channel, and a total of 42 megapixels for all channels in H.264 / MPEG-4 / MJPEG format	
	throughput	250 Mbps	140 Mbps	100 Mbps	
storage	internal HDD capacity	6 SATA HDDs (6 removable HDD trays)		4 SATA HDDs (4 removable HDD trays) optional*: up to 5 SATA HDDs (5 removable HDD trays)	3 SATA HDDs optional*: up to 4 SATA HDDs (1 removable HDD tray)
	internal RAID support	-			
	external HDD support	e-SATA HDD or RAID x1			
	iSCSI support	yes			
backup	internal DVD-RW	- (supports external DVD-RW)		- (supports external DVD-RW)	yes (swappable with 1 HDD tray)
interface					
monitor	VGA output	1 (up to 1920 x 1200)		VGA 1 (up to 1920 x 1200)	
	HDMI output	1 (up to 1920 x 1200)		VGA 2 (1280 x 1024)	
	TV output	1 (supports hybrid multi-quad output)			
	spot output	1 (supports full screen output from analog camera channels with triggered alarms)			
audio	input	16 line-in, 8 KHz sampling rate			
	output	1 line-out			
MIC	input	1 line-in			
alarm	sensor (alarm) input	16			
	relay output	input voltage: max. DC 6V			
		4 (NO / NC)			
		voltage range: AC 250V / DC 30V		voltage range: AC 125V / DC 30V	
network	Ethernet (RJ45)	switching current: max. 1A			
	e-SATA	2 (10/100/1000Base-T)			
connection	RS-232	1			
	RS-485	1 (D-sub 9 pins, male)			
	USB 2.0	1 set (Tx+, Tx-, Rx+, Rx-)			
	control	front key pad	-	yes	yes
	LCD display	-	yes (temperature / system status / free HDD space / alarm status)		-
general					
electrical	power input	250W PSU		120W power adapter, DC 19V	
environmental	operating temperature	0°C~40°C			
mechanical	dimensions (W x H x D)	430 x 105 x 410 mm		430 x 105 x 410 mm	430 x 60 x 370 mm
	weight (net)	8.36 kg		7.6 kg	5.2 kg

* installed upon assembly

HDMI



HDMI



		embedded hybrid DVR		
model		EH6216H ⁺	EH6108H ⁺	EH1116H-4 ⁺
application		Feature-upgraded DVR series suitable for medium sized and retail chain stores security applications E.g. supermarkets, university campuses, business plazas		Smart hybrid solution that is perfect for medium sized projects E.g. restaurants, factories, warehouses
feature overview		<ul style="list-style-type: none"> Supports H.264 H/W compression up to 480 / 400fps recording Analog spot monitor and VGA / HDMI monitor output Advanced intelligent streaming technology provides excellent preview performance Remote software integration with CMS, iPhone, iPad, Android phone and tablet 		<ul style="list-style-type: none"> Embedded hybrid DVR that supports up to 4 IP cameras Supports up to 5 megapixels for one channel to provide high quality images Advanced intelligent streaming technology provides excellent preview performance Remote software integration with CMS, iPhone, iPad, Android phone and tablet
system				
operating system		embedded Linux		embedded Linux
total channel number		16	8	16
max. IP camera input		16	8	4
max. analog camera input		16	8	16
performance				
display (analog)		480 / 400fps (NTSC/PAL)	240 / 200fps (NTSC/PAL)	480 / 400fps (NTSC/PAL)
display (IP)		2M @ 140fps		2M @ 40fps (2M @ 10fps per CH)
recording (analog)	compression	H/W H.264		
	resolution	NTSC: 352 x 240 (CIF), 720 x 240 (Half-D1), 720 x 480 (D1) PAL: 352 x 288 (CIF), 720 x 288 (Half-D1), 720 x 576 (D1)		
	frame rate (NTSC/PAL)	CIF: 480 / 400fps	CIF: 240 / 200fps	CIF: 480 / 400fps
		Half-D1: 480 / 400fps	Half-D1: 240 / 200fps	Half-D1: 240 / 200fps
		D1: 240 / 200fps	D1: 120 / 100fps	D1: 120 / 100fps
recording (IP)	resolution	up to 5 megapixels for one channel, and a total of 16 megapixels for all channels in H.264 / MPEG-4 / MJPEG format	up to 5 megapixels for one channel, and a total of 8 megapixels for all channels in H.264 / MPEG-4 / MJPEG format	up to 5 megapixels for one channel, and a total of 8 megapixels for all 4 IP camera channels in H.264 / MPEG-4 / MJPEG format
throughput		65 Mbps		50 Mbps
storage	internal HDD capacity	3 SATA HDDs optional*: up to 4 SATA HDDs (1 removable HDD tray)		2 SATA HDDs
	internal RAID support	-		
	external HDD support	e-SATA HDD or RAID x1		-
	iSCSI support	-		
backup	internal DVD-RW	yes (swappable with 1 HDD tray)		-
interface				
monitor	VGA output	1 (1024 x 768)		
	HDMI output	1 (1024 x 768)		
	TV output	1 (supports hybrid multi-quad output)		
	spot output	1 (supports full screen output from analog camera channels with triggered alarms)		
audio	input	16 line-in, 8 KHz sampling rate	8 line-in, 8 KHz sampling rate	4 line-in, 8 KHz sampling rate
	output	1 line-out		
MIC	input	1 line-in		-
alarm	sensor (alarm) input	16		4
		input voltage: max. DC 6V		
		4 (NO / NC)		1 (NO / NC)
	relay output	voltage range: AC 125V / DC 30V switching current: max. 1A		
network	Ethernet (RJ45)	1 (10/100/1000Base-T)		
connection	e-SATA	1		-
	RS-232	1 (D-sub 9 pins, male)		
	RS-485	1 set (Tx+, Tx-, Rx+, Rx-)		
	USB 2.0	3 (front panel)		2 (front panel)
control	front key pad	yes		
	LCD display	-		
general				
electrical	power input	90W power adapter, DC 19V		48W power adapter, DC 12V
environmental	operating temperature	0°C ~ 40°C		
mechanical	dimensions (W x H x D)	430 x 60 x 370 mm		430 x 60 x 370 mm
	weight (net)	5.7 kg		3.7 kg

HDMI



HDMI

HDMI



		embedded hybrid DVR		
model	EH1116H-4 Nano		EH1008H-4 Nano	EH1004H-4 Nano
application	Featuring a compact size with an intuitive graphical interface, this user friendly DVR series is designed for retail industry and residential sector applications E.g. convenience stores, ATMs, homes			
feature overview	<ul style="list-style-type: none">• Compact-sized embedded hybrid DVRs that support up to 4 IP cameras• Fan-less (4 / 8CH) and mini-fan (16CH) system design provide noise-free environment• Advanced intelligent streaming technology provides excellent preview performance• Remote software integration with CMS, iPhone, iPad, Android phone and tablet			
system				
operating system		embedded Linux		
total channel number		16	8	4
max. IP camera input		4		
max. analog camera input		16	8	4
performance				
display (analog)		480 / 400fps (NTSC/PAL)	240 / 200fps (NTSC/PAL)	120 / 100fps (NTSC/PAL)
display (IP)		2M @ 6fps		
recording (analog)	compression	H/W H.264		
	resolution	NTSC: 352 x 240 (CIF), 720 x 240 (Half-D1), 720 x 480 (D1)		
		PAL: 352 x 288 (CIF), 720 x 288 (Half-D1), 720 x 576 (D1)		
	frame rate (NTSC/PAL)	CIF: 480 / 400fps	CIF: 240 / 200fps	CIF: 120 / 100fps
		Half-D1: 240 / 200fps	Half-D1: 120 / 100fps	
		D1: 120 / 100fps	D1: 60 / 50fps	
recording (IP)	resolution	up to 5 megapixels for one channel, and a total of 8 megapixels for all 4 IP camera channels in H.264 / MPEG-4 / MJPEG format		
throughput		50 Mbps	17.5 Mbps	
storage	internal HDD capacity	1 SATA HDD		
	internal RAID support	-		
	external HDD support	e-SATA HDD or RAID x1		
	iSCSI support	-		
backup	internal DVD-RW	-		
interface				
monitor	VGA output	1 (1024 x 768)		
	HDMI output	1 (1024 x 768)		
	TV output	1 (supports hybrid multi-quad output)		
	spot output	1 (supports full screen output from analog camera channels with triggered alarms)		
audio	input	4 line-in, 8 KHz sampling rate		
	output	1 line-out		
MIC	input	-		
alarm	sensor (alarm) input	4		
		input voltage: max. DC 6V		
	relay output	1 (NO / NC)		
		voltage range: AC 125V / DC 30V		
		switching current: max. 1A		
network	Ethernet (RJ45)	1 (10/100/1000Base-T)	1 (10/100Base-T)	
connection	e-SATA	1		
	RS-232	1 (D-sub 9 pins, male)		
	RS-485	1 set (Tx+, Tx-, Rx+, Rx-)		
	USB 2.0	2 (front panel)		
control	front key pad	-		
	LCD display	-		
general				
electrical	power input	48W power adapter, DC 12V	24W power adapter, DC 12V	
environmental	operating temperature	0°C ~ 40°C		
mechanical	dimensions (W x H x D)	245 x 50 x 160 mm		
	weight (net)	0.8 kg		



		hybrid capture card				
model	NV8416T		NV6480T	NV6240T	NV6120T	
application	Customizable security solution to accommodate a variety of demands for different types of security projects E.g. mechanic shops, parking lots, business buildings					
feature overview	<ul style="list-style-type: none">• Customize your own surveillance system that is stackable up to 32CH• Hybrid spot monitor and dual monitor output• S/W compression with real-time recording and display• Advanced iPOS function and POS integration with most commonly used systems• Remote software integration with CMS, iPhone, iPad, Android phone and tablet					
system						
interface	PCI-e 4x		PCI-e 1x			
operating system	supports Windows® XP (32-bit) / 7 (32 / 64-bit)					
total channel number	16 (stackable up to 2 cards)		8 (stackable up to 2 cards)	4 (stackable up to 2 cards)		
max. IP camera input	16		8	4		
max. analog camera input	16		8	4		
performance						
display (analog)	480 / 400fps (NTSC/PAL)		240 / 200fps (NTSC/PAL)	120 / 100fps (NTSC/PAL)		
display (IP)	n/a					
recording (analog)	compression	S/W H.264 / MPEG-4				
	resolution	NTSC: 352 x 240 (CIF), 640 x 480 (VGA), 720 x 240 (Half-D1), 720 x 480 (D1)				
		PAL: 352 x 288 (CIF), 640 x 480 (VGA), 720 x 288 (Half-D1), 720 x 576 (D1)				
	frame rate (NTSC/PAL)	CIF: 480 / 400fps		CIF: 240 / 200fps	CIF: 120 / 100fps	
		VGA: 480 / 400fps		VGA: 240 / 200fps	VGA: 120 / 100fps	
		Half-D1: 480 / 400fps	Half-D1: 240 / 200fps		Half-D1: 120 / 100fps	
D1: 480 / 400fps		D1: 160 / 128fps	D1: 240 / 200fps	D1: 120 / 100fps		
recording (IP)	resolution	up to 5 megapixels per channel, and a total of 80 megapixels for all channels in H.264 / MPEG-4 / MJPEG format				
throughput	n/a					
storage	Internal HDD capacity	-				
	internal RAID support	-				
	external HDD support	-				
	iSCSI support	yes				
backup	internal DVD-RW	-				
interface						
monitor	VGA output	supports up to 1920 x 1200 (from graphic card)				
	HDMI output	supports up to 1920 x 1200 (from graphic card)				
	TV output	1 (supports hybrid multi-quad output)				
	spot output	-				
audio	input	16 line-in, 8 KHz sampling rate	8 line-in, 8 KHz sampling rate	4 line-in, 8 KHz sampling rate		
	output	-				
MIC	input	-				
alarm	sensor (alarm) input	4 (with I/O card)				
		input voltage: max. DC 6V				
	relay output	4 (with I/O card)				
		voltage range: AC 125V / DC 30V				
network	Ethernet (RJ45)	switching current: max. 1A				
		-				
connections	e-SATA	-				
	RS-232	-				
	RS-485	-				
	USB 2.0	-				
control	front key pad	-				
	LCD display	-				
general						
environmental	operating temperature	0°C ~ 40°C				
mechanical	dimensions (W x H x D)	165 x 109.5 mm	167 x 109.5 mm			
	weight (net)	0.143 kg	0.118 kg	0.113 kg		



NEW



NEW

		embedded hybrid DVR	
model		E5016H	E1008H
application		Powerful hybrid DVR designed for medium to large scale projects E.g. banks, shopping malls, public facilities	Compact hybrid DVR designed for small to medium scale projects E.g. convenience stores, gas stations, bank branches
feature overview		<ul style="list-style-type: none">• PC-like preview performance• Stability and reliability of Linux• Impressive 120 Mbps throughput rate• Intuitive, easy-to-learn standardized GUI• Plug and play and intelligent streaming	<ul style="list-style-type: none">• High preview performance• Stability and reliability of Linux• Impressive 60 Mbps throughput rate• Intuitive, easy-to-learn standardized GUI• Plug and play and intelligent streaming
system			
operating system		embedded Linux	
total channel number		16	8
max. IP camera input		16	8
max. analog camera input		16	8
performance			
display (analog)		480 / 400fps (NTSC/PAL)	240 / 200fps (NTSC/PAL)
display (IP)		2M @ 120fps	2M @ 80fps
recording (analog)	compression	H/W H.264	
	resolution	NTSC: 352 x 240 (CIF), 720 x 240 (Half-D1), 720 x 480 (D1) PAL: 352 x 288 (CIF), 720 x 288 (Half-D1), 720 x 576 (D1)	
	frame rate (NTSC/PAL)	CIF: 480 / 400fps	CIF: 240 / 200fps
		Half-D1: 480 / 400fps	Half-D1: 240 / 200fps
		D1: 480 / 400fps	D1: 240 / 200fps
recording (IP)	resolution	up to 5 megapixels for one channel, and a total of 32 megapixels for all channels in H.264 / MPEG-4 / MJPEG format	up to 5 megapixels for one channel, and a total of 16 megapixels for all channels in H.264 / MPEG-4 / MJPEG format
throughput		120 Mbps	60 Mbps
storage	internal HDD capacity	4 SATA HDDs (4 removable HDD trays)	1 SATA HDD
	internal RAID support	yes (level 0, 1)	-
	external HDD support	e-SATA HDD or RAID x 1	e-SATA HDD
	iSCSI support	-	
backup	internal DVD-RW	- (supports external DVD-RW)	
interface			
monitor	VGA output	1 (1920 x 1080)	
	VGA output	1 (1920 x 1080)	
	TV output	1 (supports hybrid multi-quad output)	
	spot output	1 (supports hybrid full screen output with triggered alarms)	-
audio	input	16 line-in, 8KHz sampling rate	8 line-in, 8KHz sampling rate
	output	1 line-out	
MIC	input	1 line-in	
alarm	sensor (alarm) input	16	4
		input voltage: max. DC 6V	
	relay output	4 (NO / NC)	2 (NO / NC)
		voltage range: AC 125V / DC 30V switching current: max. 1A	
network	Ethernet (RJ45)	2 (10/100/1000Base-T)	
connection	e-SATA	1	
	RS-232	1 (D-sub 9 pins, male)	-
	RS-485	1 set (Tx+, Tx-, Rx+, Rx-)	-
	USB 2.0	3 (2 ports on front panel, 1 port on rear panel)	
control	front key pad	-	
	front key pad	-	
general			
electrical	power input	120W power adapter, DC 19V	48W power adapter, DC 12V
environmental	operating temperature	0°C to 40°C	
mechanical	dimensions (W x H x D)	430 x 105 x 410 mm	245 x 50 x 160 mm
	weight (net)	8.2kg	0.8kg



NEW



NEW



		NVR		
model		E5016	E1008	EXR6004 Mini
application		Powerful NVR designed for medium to large scale projects E.g. banks, shopping malls, public facilities	Compact NVR designed for small to medium scale projects E.g. convenience stores, gas stations, bank branches	Compact NVR for retail and small sized projects E.g. jewelry stores, main passage ways, homes
feature overview		<ul style="list-style-type: none">• PC-like preview performance• Stability and reliability of Linux• Impressive 120 Mbps throughput rate• Intuitive, easy-to-learn standardized GUI• Plug and play and intelligent streaming	<ul style="list-style-type: none">• PC-like preview performance• Stability and reliability of Linux• Impressive 60 Mbps throughput rate• Intuitive, easy-to-learn standardized GUI• Plug and play and intelligent streaming	<ul style="list-style-type: none">• Embedded Linux system with compact design• Dual gigabit LAN support• Local display & setup• Remote software integration with CMS, iPhone, iPad, Android phone and tablet
system				
operating system		embedded Linux		
total channel number		16	8	4
max. IP camera input		16	8	4
performance				
display		2M @ 120fps	2M @ 120fps	2M @ 6fps
recording	resolution	up to 5 megapixels for one channel, and a total of 32 megapixels for all channels in H.264 / MPEG-4 / MJPEG format	up to 5 megapixels for one channel, and a total of 16 megapixels for all channels in H.264 / MPEG-4 / MJPEG format	up to 5 megapixels for one channel, and a total of 8 megapixels for all channels in H.264 / MPEG-4 / MJPEG format
throughput		120 Mbps	60 Mbps	40 Mbps
storage	internal HDD capacity	4 SATA HDDs (4 removable HDD trays)	1 SATA HDD	1 SATA HDD
	internal RAID support	yes (level 0, 1)	-	-
	external HDD support	e-SATA HDD or RAID x 1	e-SATA HDD	e-SATA HDD or RAID x 1
	iSCSI support	-		
backup	internal DVD-RW	- (supports external DVD-RW)	- (supports external DVD-RW)	-
interface				
monitor	VGA output	1 (1920 x 1080)	1 (1920 x 1080)	1 (1024 x 768)
	HDMI output	1 (1920 x 1080)	1 (1920 x 1080)	-
	TV output	1 (supports multi-quad output)	1 (supports multi-quad output)	-
	spot output	-		
audio	input	via IP camera		
	output	1 line-out		
MIC	input	1 line-in		
alarm	sensor (alarm) input	16	4	4
	relay output	input voltage: max. DC 6V		
		4 (NO/NC)	2 (NO/NC)	1 (NO/NC)
		voltage range: AC 125V / DC 30V		
		switching current: max. 1A		
network	Ethernet (RJ45)	2 (10/100/1000Base-T)		
connection	e-SATA	1		
	RS-232	1 (D-sub 9 pins, male)	-	-
	RS-485	1 set (Tx+, Tx-, Rx+, Rx-)	1 set (Tx+, Tx-, Rx+, Rx-)	-
	USB 2.0	3 (2 ports on front panel, 1 port on rear panel)	3 (2 ports on front panel, 1 port on rear panel)	3 (1 port on front panel, 2 ports on rear panel)
general				
electrical	power input	90W power adapter, DC 19V	48W power adapter, DC 12V	48W power adapter, DC 12V
environmental	operating temperature	0°C ~ 40°C		
mechanical	dimensions (W x H x D)	430 x 105 x 410 mm	245 x 50 x 160 mm	245 x 53 x 160 mm
	weight (net)	8 kg	0.8 kg	0.8 kg

Next-generation full HD IP surveillance solution

Reliable performance · optimized bandwidth & storage · easy setup

The seamless integration between AVer IP cameras, DVRs/NVRs and central management software (CMS) not only provides reliability and enhanced performance but also guarantees easy setup thanks to the standardized user interface across all devices. Clever functions like Smart Stream and ROI create an optimized solution for bandwidth and storage efficiency. And, with regularly scheduled feature and performance upgrades, expect your AVer IP surveillance solution to actually get better with age, allowing you to save more on bandwidth and storage investment.

- ▶ Full line of AVer IP cameras
- ▶ E-series DVRs/NVRs
- ▶ Central management software CM5000



SDKs

Unified Software Development Kits available for AVer IP cameras and AVer DVRs/NVRs make it much easier to integrate AVer solution components with any of external systems. SDKs can significantly speed up customization process, saving your time and efforts.



CM5000 CMS

The all-new CM5000 central management software (CMS) is designed for remote management of AVer's next generation of DVRs/NVRs. Users can leverage CM5000 to remotely control E-series DVRs/NVRs, including support for live preview, instant playback, settings adjustment, and E-maps. Full GUI standardization between local (DVR/NVR) and remote (CMS) sites ensures a low learning curve and smooth everyday operation.



Integrated Setup with Standardized UI

With the complete integration between AVer IP cameras, E-series DVRs/NVRs, and CM5000, all camera settings, including not only the basic ones like IP address, but also camera-embedded advanced options like ROI, Smart Stream, motion detection or motorized focus/zoom (MFZ), can now be set directly via DVRs /NVRs and CMS interface.

Central Management Software (CMS) – CM3000 & CM3000 Gold

- Connect and control up to 1000 AVer DVRs, NVRs, and/or VMS
- Quad monitor support
- Supports up to 64 E-maps or Google maps to integrate and display incident alerts and live video
- Remote playback and backup for reviewing recorded video and retrieving critical images
- Advanced alarm center with multiple operator management
- Remote iAlarm for monitoring live alarm events and assigning them to remote managers
- Remote iMatrix for grouping up to 128 monitor views into myriad combinations to create a TV-wall command center
- Remote Setup for remote configuration of cameras, recordings, schedules and alarms



Mobile Control and Access

- Support for iPad, iPhone, Android phone and tablet
- Single or multi-channel live monitoring anytime and anywhere
- Savable profiles for fast connection during future use
- Remote PTZ camera control
- Remote download and playback of selected video footage

Video Intelligence

- Missing object :**
Alarm triggered when defined objects are removed from monitored zones, such as a painting taken off the wall at a museum or art gallery
- Suspicious object :**
Alarm triggered when objects are left alone for an extended period of time, such as baggage left unattended at an airport or railway station
- Scene change :**
Alarm triggered when there is an attempt to reposition or obstruct a monitoring camera, such as a vandal spray painting over the camera lens
- Visual search :**
Easily search by days, hours, minutes, and even seconds for recorded data on a selected channel
- PTZ tracking :**
Zoom in/out, focus, autopan, track moving objects and more from both the local and the remote



POS Integration

- Full compatibility with popular POS systems
- Easy management through the real-time POS data overlay on live video display
- Integrated confidential keyword filter for protection against employee tampering
- Use POS keywords to trigger notifications
- Adjust POS text location and font colors during video playback
- Search transaction data and playback video directly from the live monitoring screen through the advanced iPOS function (IWH / NV series)