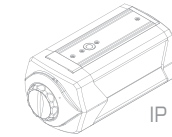


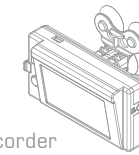
**VACRON**  
ADVANCES IN SECURITY SOLUTIONS

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**VACRON**  
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IP Surveillance



Vehicle Video Recorder



Digital Video Recorder



Camera

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



## Contents

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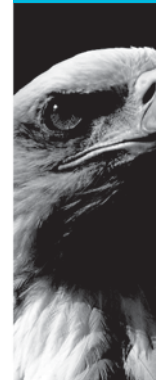
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Brand story



# About VACRON

Save every Key times

Inspired and abbreviated from VISION ON ADVANCED CAMERA RECORDING SOLUTION, VACRON is to promise and provide a new vision, advanced technology and security system to satisfy different security demands. From cameras to DVRs, IP surveillance products to vehicle recorders, VACRON's complete product lines guarantee a total surveillance security to our customers.

The guarantee is established upon VACRON's various core technology advantages. Over 20 years, we have accommodated abundant experiences and skills in image processing and storage technologies. "Think globally, act locally", we know security demands are different in various areas. As a result, we continue to develop global markets and hear customers' voices from different regions to design our products with diligence and agility. Also, we know the core value for security is "trust" so we not only invest on developing new technologies for our products but also insist on providing stable and reliable quality products for our customers.



## IP Surveillance

---

- / Network Video Recorder
- / 3 MegaPixel IP Camera
- / 2 MegaPixel Low Light IP Camera
- / 1.3 MegaPixel IP Camera

# Network Video Recorder

## IP Surveillance

- 16ch H.264



## Features

- TI SoC CPU special design for NVR with the best image process efficiency.
- Support 4 units of SATA/SATA II device up to 12TB HDD recording capacity.
- Advanced H.264 compress technology provides the best HDD space usage.
- Embedded Linux system, to eliminate the threat from virus and hacking.
- Support 16CHs of IP camera (1080P) video and also support analogue camera video with optional Video server.
- HD output and E-SATA.
- Support IP CAM position layout and editable user definition.
- Variety of backup management can directly burn to CD / DVDR-RW (optional), USB storage device or NAS.
- Multiple user account management up to 10 users with Client-side software or IE browser synchronously.

## VIT-NK700





# Network Video Recorder

## IP Surveillance

- 16ch H.264
- 1080p / 720p



## Features

- Support up to 16ch IP cameras and PTZ .
- Advanced H.264 compress technology provides the best HDD space usage.
- Support up to four 1080P(VDH-621NV)/720P(VDH-620NV) IPCAM simultaneously.

TYPE	VDH-621NV	VDH-620NV
Record	200 / 240fps 1080P	400 / 480fps 720P
Playback	1CH 1080P	4CH 720P
Record Resolution	CIF/1080P	CIF/720P

VDH-621NV (1080p)

VDH-620NV (720p)



- Video Output: CVBS (BNC) / VGA / Digital Output .
- Audio 1CH Input / 1CH Output.
- 4CH Alarm In / 1 CH Alarm Out
- Display Resolution: VGA (800X600 / 1280X1024 ) /HD Output (1920 x 1080) / YPbPr Output(1920 x 1080)
- Built-in DDNS domain name.
- Free CMS supporting Mac OS and Windows.



## Network Video Recorder

## IP Surveillance

- 36ch H.264

## Features

- Adopt new generation Intel i5-2500 Quad-core CPU to provide best image processing efficiency.
- Support up to 4 x 3.5" HDD and RAID 0&1 mode to protect important image data and improve the reading/writing speed.
- New H.264 compression technology to effectively save the storing space.
- Embedded Linux system to prevent from malicious Trojan or virus.
- Support up to 36 IP cameras and PTZ feature.
- Support HD OUT, E-SATA & USB 3.0
- Smart multi-stream display technology to improve the system efficiency and display quality. (sub-stream while in split-screen display and main stream when in single/quad screen display)

## VIA-PC200





IP CAM List of Items

Type	Semblance Model						
							
3 MegaPixel	VIT-BA600 P.14	VIT-BA601 P.14		VIT-DA650 P.16	VIT-DA680 P.16		
2 MegaPixel Low Light		VIT-BS601 P.24					
1.3 MegaPixel			VIH-BH822 P.28			VIH-DH880 P.30	VIH-VH380 P.28

IP CAM List of Items

Type	Semblance Model						
							
3 MegaPixel	VIT-DA651 P.15	VIT-DA681 P.15	VIT-UA621 P.19	VIT-UA625 P.17	VIT-UA629 P.18	VIT-UA626 P.17	VIT-UA627 P.18
2 MegaPixel Low Light	VIT-DS651 P.24	VIT-DS681 P.25				VIT-US626 P.25	VIT-US627 P.23
1.3 MegaPixel	VIH-DH850 P.29	VIT-DH881 P.29				VIH-UH825 P.30	VIH-UH827 P.31



## 3 MegaPixel IP Camera



### Features

- 3-megapixel.
- 1/2.5" CMOS Sensor.
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec).
- Resolution: 720P @ 30fps / 2048 x 1536 @15fps.
- Simultaneous Multiple Streams.
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability.
- Supports H/W Watchdog .
- Motion Detection.



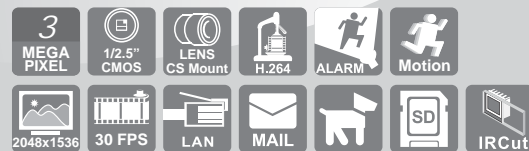
3 Megapixel Box



VIT-BA601

SPECIFICATIONS

- CS Mount support DC-IRIS
- 1/2.5" CMOS Sensor
- M-JPEG/MPEG4/H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, RS-485, BNC, Mini USB, Alarm / Audio Output
- IR Cut Filter
- Built-in MIC or Line in / Line out
- Alarm / Motion Detection
- Resolution: 720P@30fps, 2048x1536@15fps
- Support Micro SD/SDHC Card
- 12V DC / PoE(IEEE802.3af)



3 Megapixel Box



VIT-BA600

SPECIFICATIONS

- CS Mount support DC-IRIS
- 1/2.5" CMOS Sensor
- M-JPEG/MPEG4/H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, RS-485, BNC, Mini USB, Alarm Audio Output
- Built-in MIC
- Alarm / Motion Detection
- Resolution: 720P@30fps, 2048x1536@15fps
- Support SD card slot
- 12V DC / PoE(IEEE802.3af)



3 MegaPixel IR Vandal Dome



VIT-DA651

SPECIFICATIONS

- Varifocal 3.5-10mm F1.6 Lens
- 1/2.5" CMOS Sensor
- 30PCS LEDs · IR Cut Filter
- M-JPEG / MPEG4 / H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, BNC, Phone Jack
- Audio: Line in · Motion Detection
- Resolution: 720P@30fps, 2048x1536@15fps
- Support Micro SD/SDHC
- 12V DC/Option PoE(IEEE802.3af)
- IP66 rated



3 MegaPixel IR Dome



VIT-DA681

SPECIFICATIONS

- Varifocal 4.2mm F1.8 Lens
- 1/2.5" CMOS Sensor
- 10PCS IR LEDs · IR Cut Filter
- M-JPEG / MPEG4 / H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, BNC, Phone Jack
- Audio: Line in · Motion Detection
- Resolution: 720P@30fps, 2048x1536@15fps
- Support Micro SD/SDHC
- 12V DC/PoE(IEEE802.3af)



3 MegaPixel Vandal Dome



VIT-DA650

SPECIFICATIONS

- Varifocal 3.5-9mm F1.6 Lens
- 1/2.5" CMOS Sensor
- M-JPEG / MPEG4 / H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, BNC
- Motion Detection
- Resolution: 720P@30fps, 2048x1536@15fps
- SD/SDHC card slot (option)
- 12V DC/Option PoE(IEEE802.3af)
- IP66 rated



3 MegaPixel Dome



VIT-DA680

SPECIFICATIONS

- 4.2mm F1.8 Lens
- 30PCS LEDs
- M-JPEG / MPEG4 / H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, BNC
- Audio: Built-in MIC
- Motion Detection
- Resolution: 720P@30fps, 2048x1536@15fps
- Support SD card slot
- 12V DC/24VAC/PoE(IEEE802.3af)



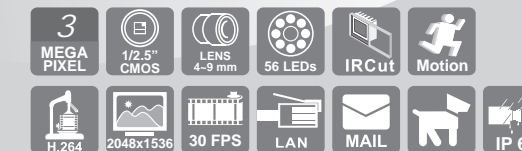
3 MegaPixel IR Bullet



VIT-UA625

SPECIFICATIONS

- CS Mount Varifocal 4-9mm F1.4
- 1/2.5" CMOS Sensor
- 56PCS LEDs
- IR Cut Filter
- M-JPEG / MPEG4 / H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, BNC
- Motion Detection
- Resolution: 720P@30fps, 2048x1536@15fps
- 12V DC
- IP66 rated



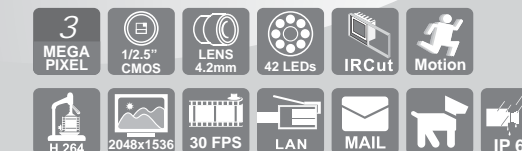
3 MegaPixel IR Bullet



VIT-UA626

SPECIFICATIONS

- Fixed 4.2mm F1.8
- 42PCS LEDs
- M-JPEG / MPEG4 / H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, BNC, Phone Jack
- Audio: Line in
- Motion Detection
- Resolution: 720P@30fps, 2048x1536@15fps
- 12V DC/Option PoE(IEEE802.3af)
- IP66 rated





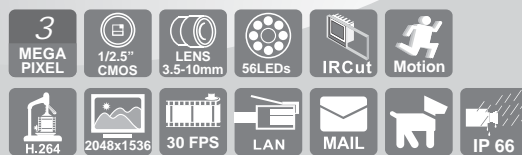
3 MegaPixel IR Bullet



VIT-UA629

SPECIFICATIONS

- CS Mount Varifocal 3.5-10mm F1.6
- 1/2.5" CMOS Sensor
- 56PCS LEDs
- IR Cut Filter
- M-JPEG / MPEG4 / H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, BNC, Phone Jack
- Resolution: 720P@30fps, 2048x1536@15fps
- Audio: Line in
- Motion Detection
- 12V DC
- IP66 rated



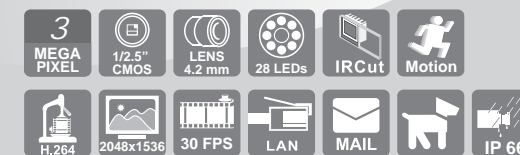
3 MegaPixel IR Bullet



VIT-UA621

SPECIFICATIONS

- Fixed 4.2mm F1.8
- 28PCS LEDs
- 1/2.5" CMOS Sensor
- IR Cut Filter
- M-JPEG / MPEG4 / H.264 Video Compression Format
- I/O Port: DC Jack,RJ-45,BNC,Phone Jack
- Audio: Line in
- Motion Detection
- Resolution: 720P@30fps, 2048x1536@15fps
- 12V DC
- IP66 rated



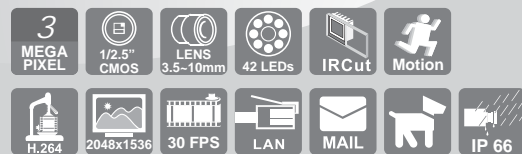
3 MegaPixel IR Bullet



VIT-UA627

SPECIFICATIONS

- Varifocal 3.5-10mm F1.6
- 42PCS LEDs
- 1/2.5" CMOS Sensor
- IR Cut Filter
- M-JPEG / MPEG4 / H.264 Video Compression Format
- I/O Port: DC Jack,RJ-45,BNC,Phone Jack
- Audio: Line in
- Motion Detection
- Resolution: 720P@30fps, 2048x1536@15fps
- 12V DC/Option PoE(IEEE802.3af)
- IP66 rated







## 2 MegaPixel Low Light IP Camera



### Features

- 2-megapixel.
- Sony IMX122 1/2.8 CMOS Sensor.
- Improved low-light performance.
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec).
- Resolution: 1080P@30fps.
- IR Cut Filter.
- Simultaneous Multiple Streams.
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability.
- Supports H/W Watchdog.
- Motion Detection.





## 2 Megapixel Low Light IP CAM

- IR Bullet
- Vari-Focal

## Specifications

- Varifocal 3.5-10mm F1.6 Lens.
- Sony IMX122 1/2.8 CMOS Sensor.
- Low Light: Color : 0.2 lux@F1.2 / B/W : 0.01 lux@F1.2.
- M-JPEG / MPEG4 / H.264 Video Compression Format.
- I/O Port: DC Jack, RJ-45, BNC, Phone Jack.
- 42PCS LEDs.
- IR Cut Filter.
- WDR.
- Face Detect (optional).
- Audio: Line in.
- Motion Detection.
- Resolution: 1080P@30fps.
- 12V DC/Option PoE(IEEE802.3af).
- IP66 rated.

## VIT-US627



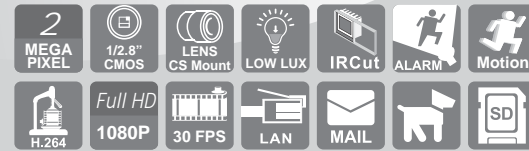
2 Megapixel Box



VIT-BS601

SPECIFICATIONS

- CS Mount support DC-IRIS
- Sony IMX122 1/2.8 CMOS Sensor
- Low Light: Color : 0.2 lux@F1.2 / B/W : 0.01 lux@F1.2
- M-JPEG/MPEG4/H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, RS-485, BNC, Mini USB, Alarm / Audio Output
- IR Cut Filter
- Alarm / Motion Detection
- Support Micro SD/SDHC Card
- 12V DC / PoE(IEEE802.3af)



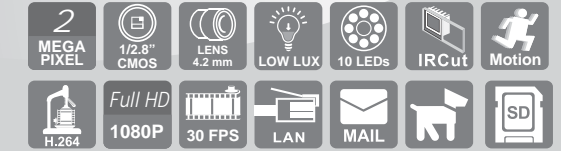
2 MegaPixel IR Dome



VIT-DS681

SPECIFICATIONS

- Fixed 4.2mm F1.8 Lens
- Sony IMX122 1/2.8 CMOS Sensor
- Low Light: Color : 0.2 lux@F1.2 / B/W : 0.01 lux@F1.2
- M-JPEG/MPEG4/H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, BNC, Phone Jack
- 10PCS LEDs
- Audio: Line in
- Resolution: 1080P@30fps
- 12V DC/PoE(IEEE802.3af)



2 MegaPixel IR Vandal Dome



VIT-DS651

SPECIFICATIONS

- Varifocal 3.5-10mm F1.6 LENS
- Sony IMX122 1/2.8 CMOS Sensor
- Low Light: Color : 0.2 lux@F1.2 / B/W : 0.01 lux@F1.2
- M-JPEG/MPEG4/H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, BNC, Phone Jack
- 30PCS LEDs
- Audio: Line in
- Resolution: 1080P@30fps
- 12V DC/Option PoE(IEEE802.3af)



2 MegaPixel IR Bullet



VIT-US626

SPECIFICATIONS

- Fixed 4.2mm F1.8 Lens
- Sony IMX122 1/2.8 CMOS Sensor
- Low Light: Color : 0.2 lux@F1.2 / B/W : 0.01 lux@F1.2
- M-JPEG / MPEG4 / H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, BNC, Phone Jack
- 42PCS LEDs
- Audio: Line in
- Resolution: 1080P@30fps
- 12V DC/Option PoE(IEEE802.3af)
- IP66 rated





# 1.3 MegaPixel IP Camera



## Features

- 1.3-megapixel.
- 1/4" CMOS Sensor.
- Real-time H.264 and MJPEG Compression (Triple Codec).
- Resolution: 720P@30fps.
- Simultaneous Multiple Streams.
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability.
- Supports H/W Watchdog.
- Motion Detection.

1.3 MEGA PIXEL	1/4" CMOS	H.264	HD 720P	30 FPS
Motion	LAN	MAIL	DOG	

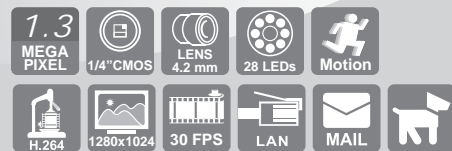
1.3 Megapixel Function



VIH-VH380

SPECIFICATIONS

- Modern lamp shape with LED lighting.
- 4.2mm F1.6 Lens
- H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, Phone Jack
- 28PCS LEDs
- Audio: Mic in
- Resolution: 1280x1024 at 15 fps / 1280x720 at 25 fps / 640x480 at 30 fps / 320x240 at 30 fps
- 12V DC
- 1/4" CMOS Sensor
- Auxiliary lighting: 0.1W White LED
- Motion Detection



1.3 Megapixel Box



VIH-BH822

SPECIFICATIONS

- CS Mount
- 1/4" CMOS Sensor
- M-JPEG / H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45
- Motion Detection
- Built-in MIC
- Resolution: 720P@30fps, 1280x1024@25fps
- 12V DC / PoE(IEEE802.3af)



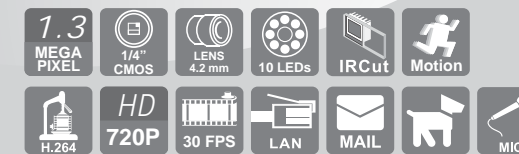
1.3 MegaPixel IR Dome



VIT-DH881

SPECIFICATIONS

- 4.2mm F1.6 Lens
- 1/4" CMOS Sensor
- M-JPEG / H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, Phone Jack
- 10PCS LEDs
- Audio: Mic in
- Resolution: 720P@30fps, 1280x1024@25fps
- 12V DC/PoE(IEEE802.3af)
- IR Cut Filter
- Motion Detection



1.3MegaPixel IR Vandal Dome



VIH-DH850

SPECIFICATIONS

- Varifocal 2.8-12mm F1.4 LENS
- 1/4" CMOS Sensor
- M-JPEG / H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, Phone Jack
- 30PCS LEDs
- Audio: MIC in
- Resolution: 720P@30fps, 1280x1024@25fps
- 12V DC/Option PoE(IEEE802.3af)
- IR Cut Filter
- Motion Detection





1.3 MegaPixel Dome



VIH-DH880

SPECIFICATIONS

- Fixed 4.2mm F1.6 Lens
- 1/4" CMOS Sensor
- M-JPEG / H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, Phone Jack
- Audio: Mic in
- Motion Detection
- Resolution: 720P @30fps, 1280x1024@25fps
- 12V DC/Option PoE(IEEE802.3af)



1.3 MegaPixel IR Bullet



VIH-UH827

SPECIFICATIONS

- Varifocal 2.8-12mm F1.4
- 1/4" CMOS Sensor
- M-JPEG / H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, Phone Jack
- 42PCS LEDs · IR Cut Filter
- Audio: Mic in · Motion Detection
- Resolution: 720P @30fps, 1280x1024@25fps
- 12V DC/PoE(IEEE802.3af)



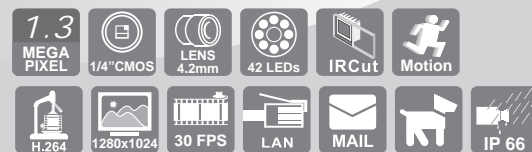
1.3 MegaPixel IR Bullet



VIH-UH825

SPECIFICATIONS

- Fixed 4.2mm F1.6
- 1/4" CMOS Sensor
- M-JPEG / H.264 Video Compression Format
- I/O Port: DC Jack, RJ-45, Phone Jack
- 42PCS LEDs · IR Cut Filter
- Audio: MIC in · Motion Detection
- Resolution: 720P @30fps, 1280x1024@25fps
- 12V DC/Option PoE(IEEE802.3af)





## Digital Video Recorder

- / 4ch DVR
- / 4ch & 8ch DVR
- / 4ch & 8ch & 16ch DVR
- / 16ch DVR
- / Video Server

# Digital Video Recorder

- SOHO 4ch DVR
- Ultra-light H.264

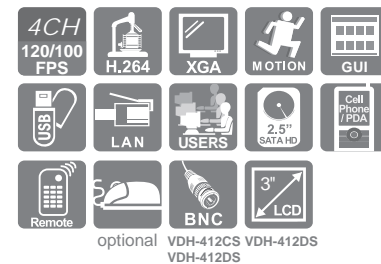
**VDH-412BS** (VGA Output)

**VDH-412CS** (VGA / BNC Output)

**VDH-412DS** (VGA / BNC / LCD Output)

## Features

- Advanced H.264 compression technology to provide maximized recording time.
- Friendly user-interface to provide best operability.
- Sleek and space-saving modern design.
- Smart HDD installation structure.
- Eco-smart, energy-saving design to reduce the power consumption and costs.
- Ideal for HOME/SOHO surveillance security.
- iOS & Android Apps supported "VacronViewer".



Removable 2.5" HDD



LCD 3 inch 4:3 monitor (VDH-412DS)

# Digital Video Recorder

- 4ch H.264
- All In One Combo DVR

## VDH-401B

### Features

- 4ch DVR with 7" TFT LCD.
- Space-Saving with flip screen design.
- Perfect for household use.
- Recording speed up to 120fps.
- Advanced H.264 compression with excellent recorded images.
- USB Backup and playback on PC with provided viewer software.
- Pentaplex (Live / Record / Playback / Network / Mobile Phone).
- User friendly and easy to operate.
- Energy-Conservation: up to 80% less energy used than traditional standalone DVR.



# Digital Video Recorder

- 4ch H.264

VDH-462P (W/O LAN)

VDH-462PL (LAN)

## Features

- H.264 technology is providing highly compressed save file and maximized recording time.
- GUI interface supported. It can be controlled from front panel / mouse /remote controller.
- Multi motion detection areas.
- Max. 120/100 fps real-time recording frame.
- Pentaplex function support: Live / Record / Playback / Network / Mobile Phone.
- Recording resolution up to 720x480 D1 resolutions.
- Adjustable VGA resolution output setting.





# Digital Video Recorder

- 4ch H.264
- HD Output

## VDH-4200S Features

- Support E-SATA disk array cabinet storage function, which can effectively extend the time for image storage.
- Supports 3G smartphone (iPhone/Symbian/Android/Blackberry / WinMobile) connection monitoring & control functions.
- Support CMS software features for system integration can be effectively integrated into the central monitoring system.
- Support 4 audio inputs and 4 video inputs synchronously.
- Picture-in-picture(PIP) display, choose by single or dual picture display mode.
- Video player can be saved in the same time with footage backup which is able to playback on PC directly after backup.
- Unlimited zoom range by zoom in capability on selected area under live view and playback mode at anytime.
- Supports external USB SATA DVD burner.



# Digital Video Recorder

- 4ch & 8ch
- H.264

VDH-442B (4CH)

VDH-842B (8CH)

## Features

- H.264 technology is providing highly compressed save file and maximized recording time.
- GUI interface supported. It can be controlled from front panel / mouse /remote controller.
- Multi motion detection areas.
- 4CH: Max. 120/100 fps / 8CH: Max. 240/200 fps real-time recording frame.
- Pentaplex function support: Live / Record / Playback / Network / Mobile Phone.
- Recording resolution up to 720x480 D1 resolutions.
- Adjustable VGA resolution output setting.



# Digital Video Recorder

- 4ch & 8ch H.264

VDH-435BS / VDH-835BS (XGA Output)  
VDH-435CS / VDH-835CS (XGA / BNC Output)

## Features

- H.264 technology provides the highly compressed file and the maximized recording time.
- Pentaplex allows record, playback, network, mobile phone, and backup operations at the same time.
- 1~4 ch Input: BNC / 5~8 ch Input: D-SUB to BNC.
- 4CH: Max. 120/100 fps / 8CH: Max. 240/200 fps
- GUI interface is operated from mouse and remote controller
- Smart search can quickly locate a recorded video to playback.
- Multi-area motion detection
- Support USB/network backup
- PIP (Picture-in-Picture) to display single or dual sub-video window.
- Digital zoom on live view and playback
- Watchdog support
- 3G mobile phone support (iPhone, Symbian, Android, Blackberry, WinMobile)



# Digital Video Recorder

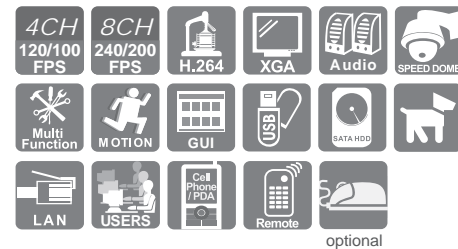
- 4ch & 8ch
- H.264

VDH-455B (4CH)

VDH-855B (8CH)

## Features

- H.264 technology is providing highly compressed save file and maximized recording time.
- GUI interface supported. It can be controlled from front panel / mouse /remote controller.
- Multi motion detection areas.
- 4CH: Max. 120/100fps / 8CH: Max. 240/200fps real-time recording frame.
- Pentaplex function support: Live / Record / Playback / Network / Mobile Phone.
- Recording resolution up to 720x480 D1 resolutions.
- Adjustable VGA resolution output setting.
- Picture-in-picture (PIP) display, choose by single or dual picture display mode.



# Digital Video Recorder

- 4ch & 8ch
- H.264

VDH-4200B (4CH)

VDH-8200B (8CH)

## Features

- H.264 technology is providing highly compressed save file and maximized recording time.
- GUI interface supported. It can be controlled from front panel / mouse /remote controller.
- Multi motion detection areas.
- 4CH: Max. 120/100 fps / 8CH: Max. 240/200 fps real-time recording frame.
- Pentaplex function support: Live / Record / Playback / Network / Mobile Phone.
- Recording resolution up to 720x480 D1 resolutions.
- Adjustable VGA resolution output setting.





# Digital Video Recorder

- 4ch & 8ch & 16ch
- H.264

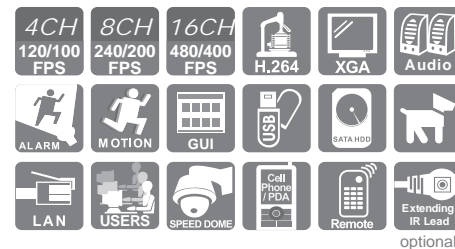
VDH-4125B (4CH)

VDH-8160B (8CH)

VDH-1648 (16CH)

## Features

- H.264 technology is providing highly compressed save file and maximized recording time.
- GUI interface supported. It can be controlled from front panel / mouse /remote controller.
- Multi motion detection areas.
- 4CH: Max. 120/100fps / 8CH: Max. 240/200fps real-time recording frame. Recording resolution up to 720x480 D1 resolutions.
- 16CH: Max. 480/400 fps real-time recording frame, Including ch1~4 real-time D1 recording.
- Pentaplex function support: Live / Record / Playback / Network / Mobile Phone.
- Adjustable VGA resolution output setting.



# Digital Video Recorder

- 16ch H.264
- HDD Caddy

## VDH-1600P

### Features

- Advance H.264 technology offers highly compressed file size capability for maximum recording time.
- Max. 480 fps real-time recording frame.
- Support 16 audio inputs and 16 video inputs synchronously.
- Pentaplex function support: Recording/Backup/Playback/Network and Mobile Surveillance simultaneously.
- Video player can be saved in the same time with footage backup which is able to playback on PC directly after backup.
- Support E-SATA disk array cabinet storage function, which can effectively extend the time for image storage.
- Max. 16 channels connection via IE browser; Remote backup and playback via IE browser.
- Supports 3G smart phone connection monitoring & control functions.



# Video Server

▪ 4ch

## VDH-412VS

### Features

- Optimize design for analogue - digital IP BASED solution with highly transfer performance.
- H.264 compress technology and Dual streams transfer in each channel in order to provide a fast video delivery.
- Support internet remote resolution in three video streams (960H/D1/CIF) and mobile device in two streams (CIF/QCIF).
- Built-in motion detection and events alarm recording.
- Support PTZ and Speed dome devices.





## Camera

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- / Full HD 1080P SDI Camera
- / Intelligent Camera
- / 800 TVL VACRON-P Super High Solution WDR Camera
- / SONY En-Effio-E WDR Camera

CCTV CAM List of Items

Type	Semblance Model					
						
HD-SDI 1080P	VCN-9705 P.62			VCN-9732D P.63		VCN-9736DV P.63
Intelligent		VCV-7607HW VCV-7687HW P.68	VCV-7626HWD P.69	VCV-7632HWD P.67		VCV-7636HWDV P.69
800 TVL VACRON-P		VCV-9607SHW P.72		VCV-9632SHWD P.73		VCV-9636SHWDV P.73
SONY En-Effio-E WDR		VCS-9507SH VCS-9587SH P.76	VCS-9526SHD P.80	VCS-9532SHD P.79	VCS-9542SHD P.78	VCV-9536SHDV P.79
540TVL			VCS-926HD P.81			
420TVL			VCS-926D P.81			

CCTV CAM List of Items

Type	Semblance Model					
						
HD-SDI 1080P					VCN-9762V P.62	
Intelligent					VCV-7662HWW P.68	
800 TVL VACRON-P					VCV-9662SHWV P.72	
SONY En-Effio-E WDR		VCS-9532SH P.78	VCS-9538SH P.77		VCS-9562SHV P.77	VCS-9556SH P.76
540TVL	VCS-915HC P.81			VCS-955 P.80		
420TVL	VCS-915C P.81			VCS-955H P.80		





Full HD  
1080P  
SDI Camera

# Features

- 1/2.8" CMOS 1080P Full HD-SDI Color Camera.
- 2 Mega-Pixels High Resolution Color 1080P.
- Support 1080P Full HD-SDI High-Definition Digital Signal Output.
- Digital Noise Reduction Function (2D / 3D-NR).
- Electronic Shutter Speed: Auto, 1/30S~1/50,000S.
- Sensitivity Increase (Slow Shutter): x2~x30(Max).
- Digital Wide Dynamic Range (ACCE).
- Multiple level Setting for Defogging (DEFOG).
- Back Light Compensation (BLC), High Light Compensation (HLC).
- Image Rotation Function(0~360°).
- Image Freeze Function (FREEZE).
- Digital Zooming (Zoom-in X64), Picture-in-Picture .
- Intelligent Motion Detection (Motion).
- Eight Privacy Mask Spots (Color x16).
- Transmission Protocol, RS485 (Pelco D/P) .

• SDI vs DVR(D1)



HD-SDI (1920x1080)      D1 (720 x 480)

• DNR



Normal      DNR On

• Demist



Normal      Demist On

• D-WDR



Normal      D-WDR On

• BLC



Normal      BLC On

• HLC



Normal      HLC On

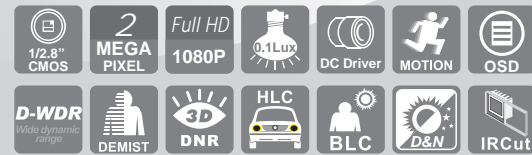
## HD SDI Box



## VCN-9705

## SPECIFICATIONS

- 1/2.8" CMOS 2 Mega-Pixel Image Sensor
- Horizontal Resolution: Color: 1080P/30fps
- Power Supply: DC12V / AC24V
- Mechanical IR Cut Filter Automatically Switches (IR Board Control)
- Sensitivity: 0.1 Lux(F1.6 /50IRE)



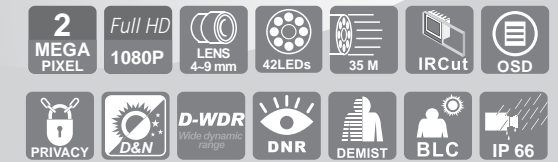
## HD SDI IR Dome



## VCN-9736DV

## SPECIFICATIONS

- 1/2.8" CMOS 2 Mega-Pixel Image Sensor
- Horizontal Resolution: Color: 1080P/30fps
- Power Supply: DC12V
- Lens Mount 4mm ~ 9mm (vari-focal) Auto Iris IR Lens
- Mechanical IR Cut Filter Automatically Switches (IR Board Control)
- Sensitivity: 0 Lux(IR ON)
- LEDES 42PCS ; IR Range 35 m



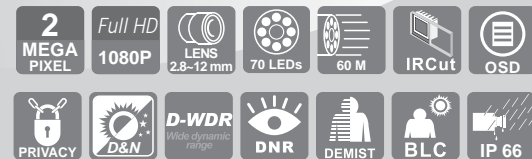
## HD SDI IR Bullet



## VCN-9762V

## SPECIFICATIONS

- 1/2.8" CMOS 2 Mega-Pixel Image Sensor
- Horizontal Resolution: Color: 1080P/30fps
- Power Supply: DC12V
- Lens Mount 2.8 mm ~ 12 mm (Vari-Focal)
- Mechanical IR Cut Filter Automatically Switches (IR Board Control)
- LEDES 70PCS ; IR Range 60 m



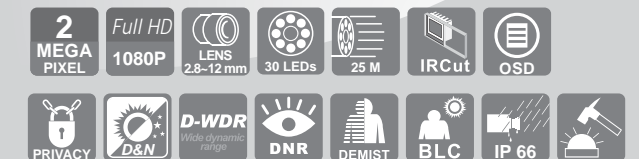
## HD SDI IR Vandal Dome



## VCN-9732D

## SPECIFICATIONS

- 1/2.8" CMOS 2 Mega-Pixel Image Sensor
- Horizontal Resolution: Color: 1080P/30fps
- Power Supply: DC12V
- Lens Mount 2.8 mm ~ 12 mm (Vari-Focal) Auto Iris IR Lens
- Mechanical IR Cut Filter Automatically Switches (IR Board Control)
- Sensitivity: 0 Lux(IR ON)
- LEDES 30PCS ; IR Range 25 m
- Vandal-Resistant Case Design.

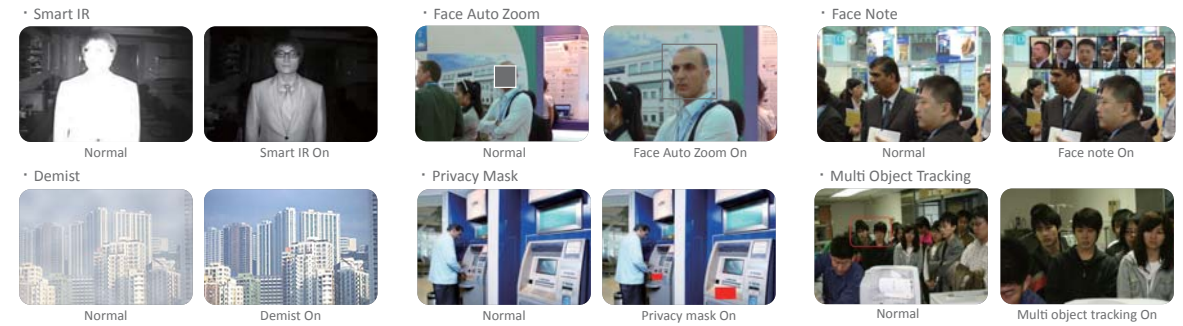




# Intelligent Camera

## Features

- High Sensitivity 1/3" CCD WDR Color Camera
- High Resolution Color up to 600TVL
- 2D/3D Noise Reduction (HDNR)
- Super Real WDR Range/Digital WDR Function
- Digital Slow Shutter from x2 up to x256 (Max)
- Back Light Compensation(BLC) / High light Control(HLC)
- E-PTZ (Zoom x 2) / Digital Zoom x 256
- Editable Privacy Mask x 8 (Color)
- Light Detection On Human Face With Dynamic Light Compensation
- Human Face Detection With Auto Zoom In Feature
- Multiple-objects auto tracking, detection, and image adjust.
- Human faces detection and display.
- Process The Images With High Quality Demisted Surveillance system
- Night Intelligence IR Detection/ Auto Adjustment On Exposure (Smart IR)

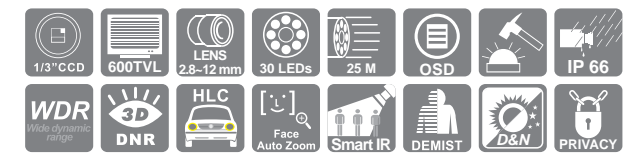




# Intelligent Camera

- IR Vandal Dome Camera

## VCV-7632HWD



## Specifications

- 1/3" 760H CCD Image Sensor
- Lens Mount 2.8 mm ~ 12 mm (Vari-Focal) Auto Iris IR Lens
- Horizontal Resolution: 600 TVL
- Power Supply: DC12V
- Minimum Illumination 0.01 Lux
- S/N Ration Max. 52 dB ( AGC Off )
- LEDS 30PCS ; IR Range 25 m
- Vandal-Resistant Case Design.



Intelligent Box



VCV-7607HW/7687HW

SPECIFICATIONS

- 1/3" 760H CCD Image Sensor
- Horizontal Resolution: 600 TVL
- Power Supply: DC12V / AC24V
- Minimum Illumination 0.01 Lux
- S/N Ration Max. 52 dB ( AGC Off )
- Build-in Multi-layers semi-opacity Menu Setting
- Mechanical IR Cut Filter Automatically Switches (VCV-7687HW)



VCV-7687HW

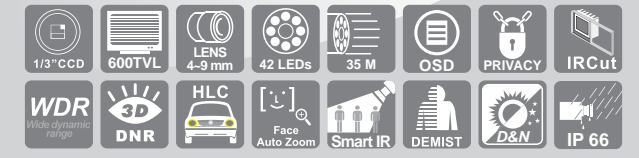
Intelligent IR Dome



VCV-7636HWDV

SPECIFICATIONS

- 1/3" 760H CCD Image Sensor
- 4mm ~ 9mm (vari-focal) Auto Iris IR Lens
- Horizontal Resolution: 600 TVL
- Power Supply: DC12V
- Minimum Illumination 0.01 Lux
- S/N Ration Max. 52 dB ( AGC Off )
- LEDS 42PCS ; IR Range 35 m
- Mechanical IR Cut Filter Automatically Switches



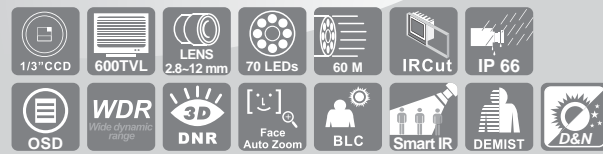
Intelligent IR Bullet



VCV-7662HWV

SPECIFICATIONS

- 1/3" 760H CCD Image Sensor
- Lens Mount 2.8 mm ~ 12 mm (Vari-Focal) Lens
- Horizontal Resolution: 600 TVL
- Power Supply: DC12V
- Minimum Illumination 0.01 Lux
- S/N Ration Max. 52 dB ( AGC Off )
- LEDS 70PCS ; IR Range 60 m
- Mechanical IR Cut Filter Automatically Switches



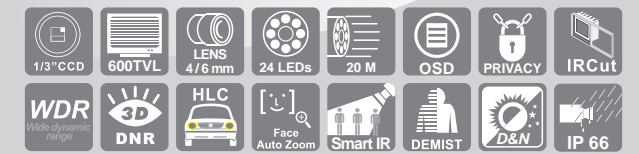
Intelligent IR Dome



VCV-7626HWD

SPECIFICATIONS

- 1/3" 760H CCD Image Sensor
- 4mm / 6mm Lens
- Horizontal Resolution: 600 TVL
- Power Supply: DC12V
- Minimum Illumination 0.01 Lux
- S/N Ration Max. 52 dB ( AGC Off )
- LEDS 24PCS ; IR Range 20 m
- Mechanical IR Cut Filter Automatically Switches







## 800TVL VACRON-P Super High Solution WDR Camera

### Features

- 1/3" SONY CCD High Solution Optics Double Frequency WDR Color Camera.
- High Resolution Color 800TVL.
- 2D/3D Noise Reduction (HDNR).
- Optics Double Frequency WDR(128dB).
- Digital Slow Shutter from x2 up to x256 (Max).
- Adaptive Backlight Compensation Function [ BLC ].
- Anti-Headlight (HLC).
- e-PTZ (Zoom x 4).
- Privacy Mask x 8 (Color).
- High Contrast Images.
- Ideal for Backlight Environment.
- Digital Demist Process.
- Intelligent IR Exposure (Smart IR).
- Color Rolling Suppression.

• Smart IR



Normal



Smart IR On

• WDR



Normal



WDR On

• DNR



Normal



DNR On

800TVL VACRON-P Box



VCV-9607SHW

SPECIFICATIONS

- 1/3" SONY CCD High Solution Optics Double Frequency WDR Color Camera
- High Resolution Color 800TVL
- Lens Mount: CS Mount (optional)
- Power Supply: 12VDC ( 12VDC / 24VAC optional)
- Minimum Illumination: Color:0.03Lux
- S/N Ration Max. 52 dB ( AGC Off )



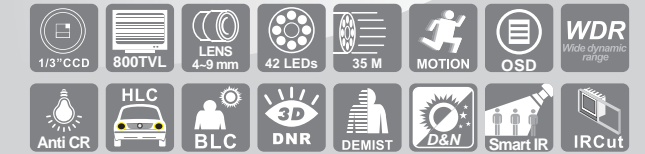
800TVL VACRON-P IR Dome



VCV-9636SHWDV

SPECIFICATIONS

- 1/3" SONY CCD High Solution Optics Double Frequency WDR Color Camera
- High Resolution Color 800TVL
- Power Supply: DC12V
- Lens Mount 4mm ~ 9mm (Vari-Focal)
- Mechanical IR Cut Filter Automatically Switches (IR Board Control)
- LEDES 42PCS ; IR Range 35 m



800TVL VACRON-P IR Bullet



VCV-9662SHWV

SPECIFICATIONS

- 1/3" SONY CCD High Solution Optics Double Frequency WDR Color Camera
- High Resolution Color 800TVL
- Power Supply: DC12V
- Lens Mount 2.8 mm ~ 12 mm (Vari-Focal)
- Mechanical IR Cut Filter Automatically Switches (IR Board Control)
- LEDES 70PCS ; IR Range 60 m



800TVL VACRON-P IR Vandal Dome



VCV-9632SHWD

SPECIFICATIONS

- 1/3" SONY CCD High Solution Optics Double Frequency WDR Color Camera
- High Resolution Color 800TVL
- Power Supply: DC12V
- Lens Mount 2.8 mm ~ 12 mm (Vari-Focal) Auto Iris IR Lens
- Mechanical IR Cut Filter Automatically Switches (IR Board Control)
- LEDES 30PCS ; IR Range 25 m
- Vandal-Resistant Case Design.

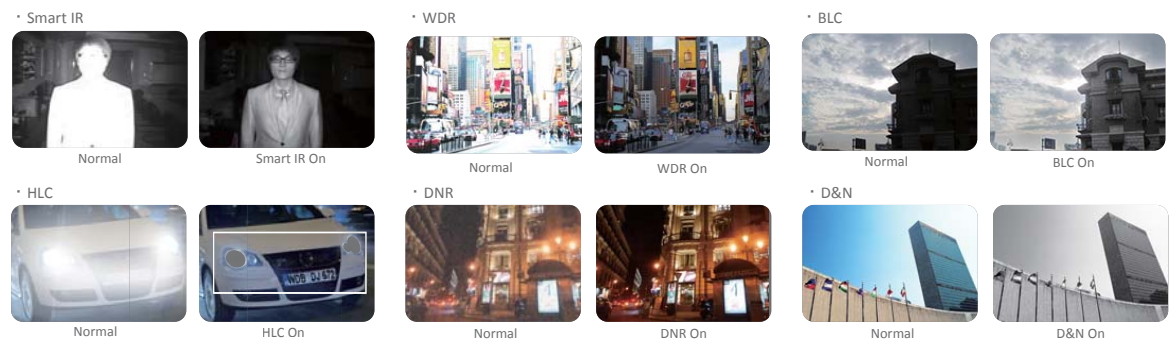




# SONY En-Effio-E WDR Camera

## Features

- 1/3" Digital Wide Dynamic Color Camera
- Resolution: 700TVL
- Smart IR
- Anti-Headlight (HLC)
- 2D Noise Reduction
- Mosaic Privacy Mask(8 Zones Programmable, Mosaic)
- Ideal for Backlight Environments(BLC)
- High Contrast Images
- Picture Quality Adjustable (Contrast/Sharpness/Hue/Gain)





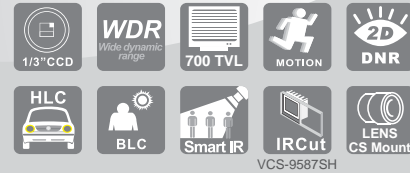
## SONY En-Effio-E Box



## VCS-9507SH / 9587SH

## SPECIFICATIONS

- 1/3" SONY 960H\_CCD Image Sensor
- Lens Mount: CS Mount (optional)
- Horizontal Resolution: 700 TVL
- Power Supply: 12VDC ( 12VDC / 24VAC optional)
- Minimum Illumination: Color:0.03Lux / B/W:0.01Lux
- S/N Ration Max. 52 dB ( AGC Off )
- IR Cut Filter, Accurate Color Performance (VCS-9587SH)



VCS-9587SH

## SONY En-Effio-E IR Bullet



## VCS-9562SHV

## SPECIFICATIONS

- 1/3" SONY 960H\_CCD Image Sensor
- Lens Mount: 2.8-12 mm
- Horizontal Resolution: 700 TVL
- Power Supply: DC 12V
- Minimum Illumination: Color:0.03Lux / B/W:0.01Lux
- S/N Ration Max. 52 dB ( AGC Off )
- LEDES: 70PCS ; IR RANGE: 60 M
- IR Cut Filter, Accurate Color Performance



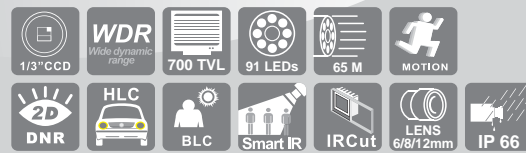
## SONY En-Effio-E IR Bullet



## VCS-9556SH

## SPECIFICATIONS

- 1/3" SONY 960H\_CCD Image Sensor
- Lens Mount: 6.0 / 8.0 /12.0 mm
- Horizontal Resolution: 700 TVL
- Power Supply: DC 12V
- Minimum Illumination: Color:0.03Lux / B/W:0.01Lux
- S/N Ration Max. 52 dB ( AGC Off )
- LEDES: 91PCS ; IR RANGE: 65 M
- IR Cut Filter, Accurate Color Performance



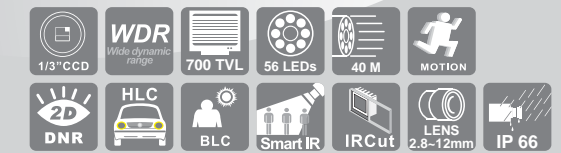
## SONY En-Effio-E IR Bullet



## VCS-9538SH

## SPECIFICATIONS

- 1/3" SONY 960H\_CCD Image Sensor
- Lens Mount: 2.8mm ~ 12mm (vari-focal) Auto Iris IR Lens
- Horizontal Resolution: 700 TVL
- Power Supply: AC 100-240V
- Minimum Illumination: Color:0.03Lux / B/W:0.01Lux
- S/N Ration Max. 52 dB ( AGC Off )
- LEDES: 56PCS ; IR RANGE: 40 M
- IR Cut Filter, Accurate Color Performance



## SONY En-Effio-E IR Bullet



## VCS-95232SH

## SPECIFICATIONS

- 1/3" SONY 960H\_CCD Image Sensor
- Lens Mount: 4.0 / 6.0 / 8.0 mm
- Horizontal Resolution: 700 TVL
- Power Supply: DC 12V
- Minimum Illumination: Color:0.03Lux / B/W:0.01Lux
- S/N Ration Max. 52 dB ( AGC Off )
- LEDES: 42PCS ; IR RANGE: 40 M
- IR Cut Filter, Accurate Color Performance



## SONY En-Effio-E IR Dome



## VCS-9536SHDV

## SPECIFICATIONS

- 1/3" SONY 960H\_CCD Image Sensor
- Lens Mount: 4mm ~ 9mm (vari-focal) Auto Iris IR Lens
- Horizontal Resolution: 700 TVL
- Power Supply: DC 12V
- Minimum Illumination: Color:0.03Lux / B/W:0.01Lux
- S/N Ration Max. 52 dB ( AGC Off )
- LEDES: 42PCS ; IR RANGE: 35 M
- IR Cut Filter, Accurate Color Performance



## SONY En-Effio-E IR Vandal Dome



## VCS-9542SHD

## SPECIFICATIONS

- 1/3" SONY 960H\_CCD Image Sensor
- Lens Mount: 2.8~12mm Auto IRIS Board Len
- Horizontal Resolution: 700 TVL
- Power Supply: 12VDC (12VDC / 24VAC Option)
- Minimum Illumination: Color:0.03Lux / B/W:0.01Lux
- S/N Ration Max. 52 dB ( AGC Off )
- LEDES: 28pcs IR LED ; 12pcs White LED ; IR RANGE: 30 M
- IR Cut Filter, Accurate Color Performance
- Vandal-Resistant case design



## SONY En-Effio-E IR Vandal Dome



## VCS-9532SHD

## SPECIFICATIONS

- 1/3" SONY 960H\_CCD Image Sensor
- Lens Mount: 2.8 mm ~ 12 mm (Vari-Focal) Auto Iris IR Lens
- Horizontal Resolution: 700 TVL
- Power Supply: DC 12V
- Minimum Illumination: Color:0.03Lux / B/W:0.01Lux
- S/N Ration Max. 52 dB ( AGC Off )
- LEDES: 30PCS ; IR RANGE: 25 M
- IR Cut Filter, Accurate Color Performance
- Vandal-Resistant case design





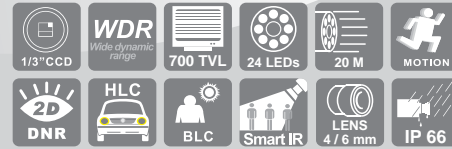
SONY En-Effio-E IR Dome



VCS-9526SHD

SPECIFICATIONS

- 1/3" SONY 960H\_CCD Image Sensor
- Lens Mount: 4.0 / 6.0 mm
- Horizontal Resolution: 700 TVL
- Power Supply: DC 12V
- Minimum Illumination: Color:0.03Lux / B/W:0.01Lux
- S/N Ration Max. 52 dB (AGC Off)
- LEDS: 24PCS ; IR RANGE: 20 M



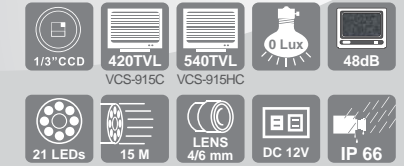
420TVL / 540TVL IR Bullet



VCS-915C / VCS-915HC

SPECIFICATIONS

- 1/3" SONY CCD Image Sensor.
- Resolution: 420TVL(VCS-915C) / 540TVL(VCS-915HC).
- 4mm / 6mm LENS
- Sensitivity:0 LUX -IR ON
- 21 PCS IR LED; 15M IR Range
- IP66 Rating.



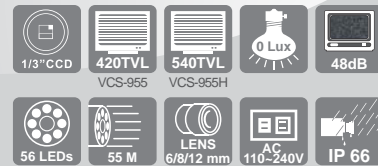
420TVL / 540TVL IR Bullet



VCS-955 / VCS-955H

SPECIFICATIONS

- 1/3" SONY CCD Image Sensor.
- Resolution: 420TVL(VCS-955) / 540TVL(VCS-955H).
- 6mm / 8mm / 12mm LENS.
- Sensitivity:0 LUX -IR ON.
- 56 PCS IR LED; 55M IR Range.
- IP66 Rating.



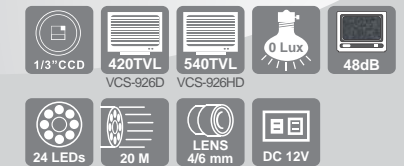
420TVL / 540TVL IR Dome



VCS-926D / VCS-926HD

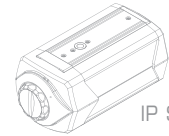
SPECIFICATIONS

- 1/3" SONY CCD Image Sensor.
- Resolution: 420TVL(VCS-926D) / 540TVL(VCS-926HD).
- 4mm / 6mm LENS
- Sensitivity:0 LUX -IR ON
- 24 PCS IR LED; 20M IR Range

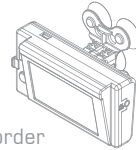


ADVANCES IN SECURITY SOLUTIONS





IP Surveillance



Vehicle Video Recorder



Digital Video Recorder



Camera

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ADVANCES IN SECURITY SOLUTIONS

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