

Vision Security Systems



- High Res CCTV
- Megapixel IP
- HD CCTV





HD CCTV Camera

Key features

- Uncompressed high quality HD Video ; No Packet loss and compression delay
- HD : 720p(50/60fps), Full HD : 1080p(25/30fps), 3G-SDI : 1080p(50/60fps)
- Digitally transmitted HDTV signal
- Standard HD-SDI video interface HD/Full HD : SMPTE 292M, 3G-SDI : SMPTE 424M
- HD Video Transmission up to 100M with RG59 coaxial cable
- Repeater & Converter for 100M Extension
- Plug-and-Play resolution upgrade for regular CCTV with coaxial cable
- Diverse Video Output : CVBS(Composite), HD-SDI

Super Night Vision camera | Night Vision camera | Bullet camera | SuperDome camera

 <p>VA100FHD-VL60 1080p(25/30fps, 50/60fps)</p> <ul style="list-style-type: none"> · 12x Motorized MP Lens · 70m IR Beam Distance · True DN(ICR) · DNR · RS-485 Interface · Cable managed bracket · IP 66 Weatherproof · 24VDC 	 <p>VA100FHD 1080p(25/30fps, 50/60fps)</p> <ul style="list-style-type: none"> · 12x Motorized MP Lens · 40m IR Beam Distance · True DN(ICR) · DNR · RS-485 Interface · Cable managed bracket · IP 66 Weatherproof · 24VDC 	 <p>VN7XHD 720p(50/60fps) VN7XFHD 1080p(25/30fps, 50/60fps)</p> <ul style="list-style-type: none"> · 12x Motorized MP Lens · 30m IR Beam Distance · True DN(ICR) · DNR · RS-485 Interface · Cable managed bracket · IP 67 Weatherproof · 12VDC 	 <p>VN40SFHD 1080p(25/30fps) 720p(50/60fps)</p> <ul style="list-style-type: none"> · 3.7mm · 2D/3D DNR · RS-485 Interface · 12VDC 	 <p>VN40SFHD-IR 1080p(25/30fps) 720p(50/60fps)</p> <ul style="list-style-type: none"> · 3.7mm · 10m IR Beam Distance · True DN(ICR) · 2D/3D DNR · RS-485 Interface · 12VDC 	 <p>VDA110HD-DN 720p(50/60fps) VDA110FHD-DN 1080p 25/30fps 50/60fps</p> <ul style="list-style-type: none"> · 720p : 3.5~16mm 1080p : 2.8~10mm · True DN(ICR) · DNR · RS-485 Interface · Tool-free 3-Axis · IP 66 · 12VDC 	 <p>VDA110HD-IR 720p(50/60fps) VDA110FHD-IR 1080p 25/30fps 50/60fps</p> <ul style="list-style-type: none"> · 720p : 3.5~16mm 1080p : 2.8~10mm · 20m IR Beam Distance · True DN(ICR) · DNR · RS-485 Interface · Tool-free 3-Axis · IP 66 · 12VDC
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Vandal Dome camera | Indoor Dome camera | Mini Dome camera | Box camera | Repeater | Converter

 <p>VDA100SFHD-DN 1080p(25/30fps) 720p(50/60fps)</p> <ul style="list-style-type: none"> · 2.8~10mm · True DN(ICR) · 2D/3D DNR · RS-485 Interface · Tool-free 3-Axis · IP 66 · 12VDC, 12VDC/24VAC 	 <p>VDA100SFHD-IR 1080p(25/30fps) 720p(50/60fps)</p> <ul style="list-style-type: none"> · 2.8~10mm · 20m IR Beam Distance · True DN(ICR) · 2D/3D DNR · RS-485 Interface · Tool-free 3-Axis · IP 66 · 12VDC, 12VDC/24VAC 	 <p>VD102SFHD 1080p(25/30fps) 720p(50/60fps)</p> <ul style="list-style-type: none"> · 2.8~10mm · True DN(ICR) · 2D/3D DNR · RS-485 Interface · Tool-free 3-Axis · 12VDC 	 <p>VD102SFHD-IR 1080p(25/30fps) 720p(50/60fps)</p> <ul style="list-style-type: none"> · 2.8~10mm · 15m IR Beam Distance · True DN(ICR) · 2D/3D DNR · RS-485 Interface · Tool-free 3-Axis · 12VDC 	 <p>VD70SFHD 1080p(25/30fps) 720p(50/60fps)</p> <ul style="list-style-type: none"> · 3.7mm · 2D/3D DNR · RS-485 Interface · Tool-free 3-Axis · IP 66 · 12VDC 	 <p>VC58HD 720p(50/60fps) VC58FHD 1080p 25/30fps 50/60fps</p> <ul style="list-style-type: none"> · True DN(ICR) · DNR(Digital Noise Reduction) · RS-485 Interface · 12VDC 	 <p>VC58SFHD 1080p(25/30fps) 720p(50/60fps)</p> <ul style="list-style-type: none"> · True DN(ICR) · 2D/3D DNR · RS-485 Interface · 12VDC · DC/Video/Manual Iris · CDS VR Control 	 <p>VRP102 720p or 1080p</p> <ul style="list-style-type: none"> · 1 x HD-SDI Input · 2 x HD-SDI Output · 100m Extended Distance · 5C-HFBT Type Impedance : 75 Ohm 	 <p>VRP102HDMI 720p or 1080p</p> <ul style="list-style-type: none"> · 1 x HD-SDI Input · 1 x HD-SDI Output · 1 x HDMI Output · 100m Extended Distance · L-SCFB Type Impedance : 75 Ohm
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HD DVR

VHD400



Model no.		VHD400 / VHD400S
GENERAL		
Performance	Pentaplex	
Display speed	Real time	
Record speed	1080p	30 fps
	720p	60 fps
Video In	Channel	4CH (BNC)
	Transmission	HD-SDI (SMPTE 292M)
Video Out	Main display	HDMI
	Main display resolution	1920x1080(P), 1920x1080(I), 1280x720(P), 1440x900
	Sub-display	1 VGA
Audio	Input / Output	4 / 1
Sensor / Alarm	Input / Output	4 / 1

DETAILS		
Screen	Display split	1, 4
	Interface	Graphic User Interface
Video	Codec	H.264
	Image quality	Highest / High / Normal / Low
	Recording type	Schedule / Continuous / Event (Motion, Alarm)
Storage	HDD	Max, 12TB (3TB x 4 HDDs) or above
Connectors	USB PORT/ RS-485	2 USB Port / PTZ camera, PTZ controller interface

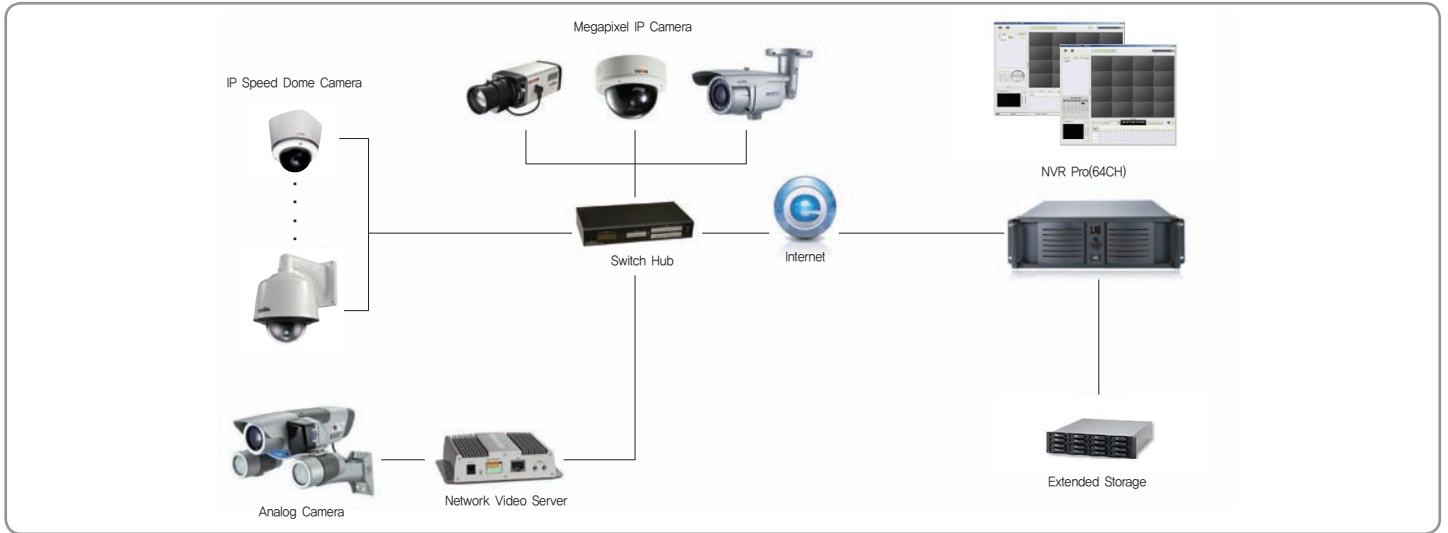
ENVIRONMENT		
Operating Temperature / Humidity	0~45° C, 32~113°F / 5~85%	
Dimension / Weight (without HDD)	440(W) X 430(D) X 90(H)mm / 7 kg, 17.3(W) x 16.9(D) x 3.5(H)in / 15.4 lb	
Power requirement	AC 100V - 220V (50Hz-60Hz)	

VHD400S



FUNCTIONS		
Camera option		Color adjustment / Position change / Freeze / 4X digital zoom (live / playback)
Motion	Area	Adjustable GRID (22 x 15)
	Sensitivity	5 level motion detection
System	Hidden camera	Hidden camera during recording
	PTZ	Various PTZ camera protocol / Preset up to 255 / RS 485
	Private zone	Blocking the private zone (live / playback)
	Auto Time Sync	NTP(Network Time Protocol)
	Firmware update	USB / Network
	S.M.A.R.T.	Auto detect when HDD's problem
Event	Source	Motion / Sensor / Video loss
	Action	Recording, E-Mail, Log, Send message to remote, Buzzer, Pop up, Alarm, PTZ preset
	Pre/Post recording	Up to 60sec / 100sec
Record	Resolution	1080p or 720p
	Quality	4 levels (Highest / High / Normal / Low)
	Speed	5 levels
Search & Playback	Quick / Event search	Search by designated time / Search by event
	Repeat playback	Playback repeating designated time section only
	Panorama search	Searching frame by frame(by every 16/9/4 frames at once)
	Event chain playback	Search only event and playback without interval
	Dual mode function	Live monitoring during palyback
Backup	File format	DVR format
	Media	DVD / USB device / Network
Network	Type	Static IP, DHCP, DDNS
	Base-T	10/100/1000 Mbps
	Browser	CMS, Web viewer, Smart phone support(iPhone, Android, iPad)

IP System Diagram



Conformant with

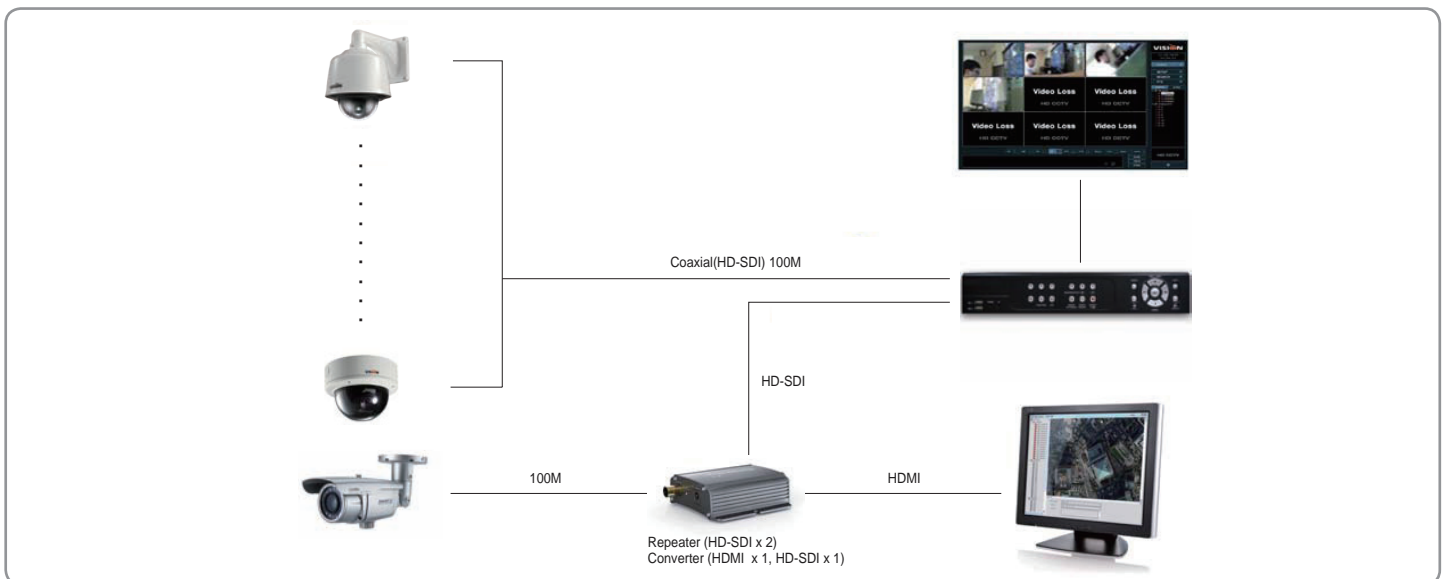


Software NVR

Key features

- Up to 64 Channels display & Recording simultaneously
- Up to 16 Channel Playback simultaneously
- Event monitoring and Alarm notification
- Support E-map Application
- Remote Search
- Multi-monitor support
- On screen PTZ control
- Two way audio communication
- Easy Installation
- Connection to Streaming Server(Relay)
- Digital zoom support
- Automatic reconnection after abnormal termination
- JPEG stream support
- Support of Multi languages
- Working with Video Server
- Export AVI backup
- E-mail and FTP transfer of snapshot image
- Image Cropping & Recording
- Dual Streaming support
- Megapixel camera support
- Display image maps with camera icons on it
- Display pop-up video manually or by events
- Event handling : various actions on events including pop-up video display, highlighting the camera icon, and sound effect

HD CCTV System Diagram



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Distributed by

WideLux High Performance WDR camera

Analog

Key features

- 1/3" Sony Super HAD CCD II
- Real Wide Dynamic(WDR)
- 600TVL(D)/ 650TVL(N)
- Super Low Light Performance with Single Scan CCD
- 2D/3D DNR(Digital Noise Reduction)
- Sens-up(Off/ x2 ~ x512)
- Motion Detection(8 zones)
- Privacy Masking(8 zones)
- Digital Zoom(Off, x1 ~ x8.3)
- DIS(Digital Image Stabilizer)
- Highlight Eclipse
- RS-485 Interface(Pelco-D Protocol)
- OSD Control key(Optional)
- Multi-Lingual OSD(English, German, French, Russian, Spanish)
- Intelligent IR Image Compensation

Super Night Vision Outdoor camera



VN80S-VFA

- 70m IR Beam Distance
- 4-9mm/9-22mm/5-50mm
- True DN(ICR)
- External Focus Adj.
- Cable managed bracket
- IP 67 Weatherproof
- 12VDC, 12VDC/24VAC



VN70 II S-VFA

- 50m IR Beam Distance
- 2.8-12mm/5-50mm
- True DN(ICR)
- External Focus Adj.
- Cable managed bracket
- IP 67 Weatherproof
- 12VDC, 12VDC/24VAC



VN60S-VFIR

- 20m IR Beam Distance
- 4-9mm/9-22mm
- True DN(ICR)
- External Focus Adj.
- IP 67 Weatherproof
- 12VDC



VN55S

- 30m IR Beam Distance
- 3.6mm/4.3mm/6mm/8mm
- Digital DN
- IP 67 Weatherproof
- 12VDC



VB60S-VF

- 4-9mm/9-22mm
- Digital DN
- External Focus Adj.
- IP 67 Weatherproof
- 12VDC

SuperDome camera



VDA110S-VFADN

- 2.8-12mm / 7.5-50mm
- True DN(ICR)
- Separatable camera set
- Extra video out
- Tool-free 3-Axis
- IP 66 Weatherproof
- 12VDC, 12VDC/24VAC



VDA110S-VFAIR

- 30m IR Beam Distance
- 2.8-12mm
- True DN(ICR)
- Separatable camera set
- Extra video out
- Tool-free 3-Axis
- IP 66 Weatherproof
- 12VDC, 12VDC/24VAC



VDA140S-VFA12DN

- 3.3-12mm
- True DN(ICR)
- Extra video out
- Tool-free all directional mount
- IP 66 Weatherproof
- Surface/Flush mount compatible
- 12VDC/24VAC



VDA140S-VFA12IR

- 20m IR Beam Distance
- 3.3-12mm
- True DN(ICR)
- Extra video out
- Tool-free all directional mount
- IP 66 Weatherproof
- Surface/Flush mount compatible
- 12VDC/24VAC



VD70S-36IR

- 15m IR Beam Distance
- 3.6mm
- [Lens option]
- 2.9/4.3/6/8mm
- All directional mount
- IP 66 Weatherproof
- 12VDC



VD70S-S

- 2.45/2.9/3.6/4.3/6mm
- Tool-free all directional mount
- IP 66 Weatherproof
- Surface mount
- 12VDC



VD70S-F

- 2.45/2.9/3.6/4.3/6mm
- Tool-free all directional mount
- IP 66 Weatherproof
- Flush mount
- 12VDC

Ultra Slim Dome camera



VDS120S-VFA12DN

- 3.3-12mm
- True DN(ICR)
- Extra video out
- Tool-free 3-Axis
- 12VDC/24VAC



VDA111S-VFA12DN

- 3.3-12mm
- True DN(ICR)
- Extra video out
- Tool-free 3-Axis
- IP 66 Weatherproof
- 12VDC/24VAC



VD101S-VFA12DN

- 2.8-12mm
- True DN(ICR)
- Lens option(Digital DN)
- 2.9/3.6/4.3/6/8mm
- Extra video out
- 3-Axis
- 12VDC, 12VDC/24VAC



VD101S-VFA12IR

- 30m IR Beam Distance
- 2.8-12mm
- True DN(ICR)
- Lens option(Digital DN)
- 2.9/3.6/4.3/6/8mm
- Extra video out
- 3-Axis
- 12VDC, 12VDC/24VAC



VC58S

- True DN(ICR)
- 12VDC, 12VDC/24VAC



VC56S

- Digital DN
- 12VDC, 12VDC/24VAC



VC34S

- Digital DN
- 12VDC

Bullet camera



VB30S-HVF

- 3.5-16mm/F1.2
- Digital DN
- External Focus Adj.
- IP 67 Weatherproof
- 12VDC



VB21S

- Digital DN
- 12VDC
- Model optional
- VB21S-H36 3.6mm / Sunshield(Clip on type)
- VB21S-R36 3.6mm / Sunshield(Screw on type)
- IP 67 Weatherproof
- [Lens option] 4.3/6/8/12/16mm
- VB21S-B36 3.6mm, Indoor
- [Lens option] 2.45/2.9/4.3/6/8/12/16mm
- VB21S-P37P 3.7mm Peak pinhole
- [Lens option] 2.8mm/5.0mm
- VB21S-P37C 3.7mm Cone pinhole
- [Lens option] 2.8mm/5.0mm

Miniature camera



VQ33S

- Digital DN
- 12VDC
- Model optional
- VQ33S-W36 3.6mm IP 66 Weatherproof
- [Lens option] 2.9/4.3/6/8/12/16mm
- VQ33S-VFA 2.8-12mm DC Iris
- [Lens option] 5-50mm DC Iris
- VQ33S-B36 3.6mm, Indoor
- [Lens option] 2.45/2.9/6/8/12/16mm
- VQ33S-P37P 3.7mm Peak Pinhole
- [Lens option] 2.8mm/ 5.0mm

Board camera



VM32S/ VM38S/ VM42S

- Digital DN
- 12VDC
- Model optional
- VM32S 32x32mm
- VM38S 38x38mm
- VM42S 42x42mm
- Lens option
- Board : 2.45/2.9/3.6/4.3/6/8/12/16mm
- Pinhole : 2.8/3.7/5.0mm Peak type
- 2.8/3.7/5.0mm Cone type
- 2.8/3.7/5.0mm Flat type
- Varifocal : 2.8-12mm/ 5-50mm

Effio-E 650TVL(700TVL) High Quality camera

Analog

Key features

- 1/3" Sony 960H Ex-view HAD CCD II
- 650TVL(D)/ 700TVL(N)
- New Color Signal Processing for High Color Reproduction
- 2D DNR(Digital Noise Reduction)
- ATR(Adaptive Tone-curve Reproduction)
- Diverse White Balance (ATW, Push, User 1/2, Anti CR, Manual, Push Lock)
- Hightlight Compensation
- Dynamic and Static White Blemish Compensation
- Privacy Mosaic
- RS-485 Interface(Pelco-D Protocol) - Option
- OSD Control key(Optional)
- Multi-Lingual OSD(English, German, French, Russian, Portuguese, Spanish, Japanese)
- Intelligent IR Image Compensation

Family Designed Night Vision Outdoor camera

Night Vision Outdoor camera

Outdoor camera

 <p>VN7XEH</p> <ul style="list-style-type: none"> · 50m IR Beam Distance · 2.8-12mm/5-50mm · True DN(ICR) · External Focus Adjustment · Cable managed bracket · IP 67 Weatherproof · RS-485 Interface · 12VDC, 12VDC/24VAC · Heater option · VN7XEH-HT 	 <p>VN6XEH</p> <ul style="list-style-type: none"> · 30m IR Beam Distance · 2.8-12mm · True DN(ICR) · [Lens option] Digital DN 3,6/4,3/6/8mm · External Focus Adjustment · Cable managed bracket · IP 67 Weatherproof · RS-485 Interface · 12VDC, 12VDC/24VAC · Heater option · VN6XEH-HT 	 <p>VN5XEH</p> <ul style="list-style-type: none"> · 15m IR Beam Distance · 2,9/3,6/4,3/6/8mm · Digital DN · Cable managed bracket · IP 67 Weatherproof · 12VDC 	 <p>VN7011EH-VFA</p> <ul style="list-style-type: none"> · 50m IR Beam Distance · 2.8-12mm/5-50mm · True DN(ICR) · External Focus Adjustment · Cable managed bracket · IP 67 Weatherproof · RS-485 Interface · 12VDC, 12VDC/24VAC 	 <p>VN60EH-VFIR</p> <ul style="list-style-type: none"> · 20m IR Beam Distance · 4-9mm/9-22mm · True DN(ICR) · External Focus Adjustment · IP 67 Weatherproof · 12VDC 	 <p>VN55EH</p> <ul style="list-style-type: none"> · 30m IR Beam Distance · 3,6mm/4,3mm/6mm/8mm · Digital DN · IP 67 Weatherproof · RS-485 Interface · 12VDC 	 <p>VB60EH-VF</p> <ul style="list-style-type: none"> · 4-9mm/9-22mm · Digital DN · External Focus Adjustment · IP 67 Weatherproof · 12VDC
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SuperDome camera

Magnetic Dome camera

Ultra Slim Dome camera

Vandal Dome camera

 <p>VDA110EH-VFADN</p> <ul style="list-style-type: none"> · 3,3-12mm/ 7,5-50mm · True DN(ICR) · Separatable camera set · Extra video out · Tool-free 3-Axis · IP 66 Weatherproof · RS-485 Interface · 12VDC, 12VDC/24VAC 	 <p>VDA110EH-VFAIR</p> <ul style="list-style-type: none"> · 30m IR Beam Distance · 3,3-12mm · True DN(ICR) · Separatable camera set · Extra video out · Tool-free 3-Axis · IP 66 Weatherproof · RS-485 Interface · 12VDC, 12VDC/24VAC 	 <p>VDA140EH-VFA12DN</p> <ul style="list-style-type: none"> · 3,3-12mm · True DN(ICR) · Extra video out · Tool-free all directional mount · IP 66 Weatherproof · Surface/Flush mount compatible · 12VDC/24VAC 	 <p>VDA140EH-VFA12IR</p> <ul style="list-style-type: none"> · 20m IR Beam Distance · 3,3-12mm · True DN(ICR) · Extra video out · Tool-free all directional mount · IP 66 Weatherproof · Surface/Flush mount compatible · 12VDC/24VAC 	 <p>VDS120EH-VFA12</p> <ul style="list-style-type: none"> · 3,3-12mm · Digital DN · Extra video out · Tool-free 3-Axis · RS-485 Interface · 12VDC/24VAC 	 <p>VDA111EH-VFA12</p> <ul style="list-style-type: none"> · 3,3-12mm · Digital DN · Extra video out · Tool-free 3-Axis · IP 66 Weatherproof · RS-485 Interface · 12VDC/24VAC 	 <p>VDA100EH-VFA</p> <ul style="list-style-type: none"> · 2.8-12mm · Digital DN · Extra video out · Tool-free 3-Axis · IP 66 Weatherproof · RS-485 Interface · 12VDC, 12VDC/24VAC 	 <p>VDA100EH-VFAIR</p> <ul style="list-style-type: none"> · 30m IR Beam Distance · 2.8-12mm · True DN(ICR) · Extra video out · Tool-free 3-Axis · IP 66 Weatherproof · RS-485 Interface · 12VDC, 12VDC/24VAC
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Indoor Dome camera

Mini Dome camera

 <p>VD101EH-VFA12</p> <ul style="list-style-type: none"> · 2.8-12mm · Digital DN · Extra video out · 3-Axis · RS-485 Interface · 12VDC, 12VDC/24VAC 	 <p>VD101EH-VFA12IR</p> <ul style="list-style-type: none"> · 30m IR Beam Distance · 2.8-12mm, True DN(ICR) · Extra video out · 3-Axis · RS-485 Interface · 12VDC, 12VDC/24VAC 	 <p>VD95EH-B36</p> <ul style="list-style-type: none"> · 3,6mm · Digital DN · Lens option 4,3/6/8mm · Model Optionable · VD95EH-VFA 4-9mm · Digital DN · 12VDC 	 <p>VD95EH-B36IR</p> <ul style="list-style-type: none"> · 20m IR Beam Distance · 3,6mm · Digital DN · [Lens option] 4,3/6/8mm · 12VDC 	 <p>VD70EH-36IR</p> <ul style="list-style-type: none"> · 15m IR Beam Distance · 3,6mm · [Lens option] 2,9/4,3/6/8mm · All directional mount · IP 66 Weatherproof · 12VDC 	 <p>VD70EH-S</p> <ul style="list-style-type: none"> · 2,45/2,9/3,6/4,3/6mm · Tool-free all directional mount · IP 66 Weatherproof · Surface mount · 12VDC 	 <p>VD70EH-F</p> <ul style="list-style-type: none"> · 2,45/2,9/3,6/4,3/6mm · Tool-free all directional mount · IP 66 Weatherproof · Flush mount · 12VDC
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Super Mini Dome camera

Box camera

Bullet camera

Miniature camera

Board camera

 <p>VDA30EH</p> <ul style="list-style-type: none"> · 3,6mm · Digital Day & Night · 3-Axis(All directional mount) · IP 66 Weatherproof · DC7V~18V Power Input 	 <p>VDA30EH-IR</p> <ul style="list-style-type: none"> · 10m IR Beam Distance · 3,7mm Pinhole lens · Digital Day & Night · Smart IR Image Compensation · 3-Axis(All directional mount) · IP 66 Weatherproof · DC7V~18V Power Input 	 <p>VC56EH</p> <ul style="list-style-type: none"> · Digital DN · RS-485 Interface · 12VDC, 12VDC/24VAC 	 <p>VC58EH</p> <ul style="list-style-type: none"> · True DN(ICR) · RS-485 Interface · 12VDC, 12VDC/24VAC 	 <p>VB30EH-VF</p> <ul style="list-style-type: none"> · 3,5-16mm/F1,2 · Digital DN · External Focus Adj. · IP 67 Weatherproof · 12VDC 	 <p>VB21EH</p> <ul style="list-style-type: none"> · Digital DN · 12VDC · Model optionable · VB21EH-H36 3,6mm Sunshield(Clip) · VB21EH-R36 3,6mm Sunshield(Screw) · IP 67 Weatherproof · [Lens option] 4,3/6/8/12/16mm · VB21EH-B36 3,6mm, Indoor · [Lens option] 2,45/2,9/4,3/6/8/12/16mm · VB21EH-P37P 3,7mm Peak pinhole · VB21EH-P37C 3,7mm Cone pinhole · [Lens option] 2,8mm/5,0mm 	 <p>VQ33EH</p> <ul style="list-style-type: none"> · Digital DN · 12VDC · Model optionable · VQ33EH-W36 3,6mm, IP 66 · [Lens option] 2,9/4,3/6/8/12/16mm · VQ33EH-VF 2.8-12mm · [Lens option] 5-50mm · VQ33EH-B36 3,6mm, Indoor · [Lens option] 2,45/2,9/6/8/12/16mm · VQ33EH-P37P 3,7mm Peak Pinhole · [Lens option] 2,8mm/ 5,0mm 	 <p>VM32EH/VM38EH/VM42EH</p> <ul style="list-style-type: none"> · Digital DN · 12VDC · Model optionable · VM32EH 32x32mm · VM38EH 38x38mm · VM42EH 42x42mm · Lens option · Board : 2,45/2,9/3,6/4,3/6/8/12/16mm · Pinhole : 2,8/3,7/5,0mm Peak type · 2,8/3,7/5,0mm Cone type · 2,8/3,7/5,0mm Flat type · Varifocal : 2.8-12mm/ 5-50mm
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Effio-P Highest Quality Professional camera

Analog

Key features

- 1/3" Sony 960H Double Scan CCD
- 650TVL(D)/ 700TVL(N)
- 2D/3D DNR(Digital Noise Reduction)
- Real WDR(Wide Dynamic Range)
- World's best color reproduction in WDR on
- Motion Detection
- Privacy Mosaic
- Digital Zoom (x1.5 ~ x4)
- DSS(Digital Slow Shutter)
- RS-485 Interface(Pelco-D Protocol)

Vandal Dome camera



VDA100EP-VFADN

- 2.8-12mm
- True DN(ICR)
- Extra video out
- Tool-free 3-Axis
- IP 66 Weatherproof
- RS-485 Interface
- 12VDC, 12VDC/24VAC



VDA100EP-VFAIR

- 30m IR Beam Distance
- 2.8-12mm
- True DN(ICR)
- Extra video out
- Tool-free 3-Axis
- IP 66 Weatherproof
- RS-485 Interface
- 12VDC, 12VDC/24VAC

Indoor Dome camera



VD101EP-VFA12DN

- 2.8-12mm, True DN(ICR)
- Extra Video out
- 3-Axis
- RS-485 Interface
- 12VDC, 12VDC/24VAC



VD101EP-VFA12IR

- 30m IR Beam Distance
- 2.8-12mm, True DN(ICR)
- Extra Video out
- 3-Axis
- RS-485 Interface
- 12VDC, 12VDC/24VAC

Box camera



VC58EP

- True DN(ICR)
- RS-485 Interface
- 12VDC, 12VDC/24VAC

Bullet camera



VB30EP-VF

- 3.5-16mm/F1.2
- Digital DN
- External Focus Adj.
- IP 67 Weatherproof
- 12VDC



VB21EP

- Digital DN
- 12VDC
- Model optional
- VB21EP-H36 3.6mm Sunshield(Clip)
- VB21EP-R36 3.6mm Sunshield(Screw)
- P 67 Weatherproof
- [Lens option] 4.3/6/8/12/16mm
- VB21EP-B36 3.6mm, Indoor
- [Lens option] 2.45/2.9/4.3/6/8/12/16mm
- VB21EP-P37P 3.7mm Peak pinhole
- VB21EP-P37C 3.7mm Cone pinhole
- [Lens option] 2.8mm/5.0mm

Seawolf Real WDR Progressive camera

Analog

Key features

- 1/3" Pixim WDR Digital Image device
- Progressive Scan(50fps/60fps)
- 690 HTVL Effective
- 2D/3D DNR(Digital Noise Reduction)
- Min. Illumination of 0.1Lux(DSS off)
- DSS(Digital Slow Shutter)/ Max. x32
- Real WDR(Wide Dynamic Range)/ Max. 120dB
- Digital Zoom(x8/Pan, Tilt)
- Privacy Zone(6 zones)
- RS-485 Interface(Pelco-D Protocol)

Night Vision camera



VN320D88

- 30m IR Beam Distance
- 2.8-12mm
- True DN(ICR)
- Extra video out
- IP 67 Weatherproof
- RS-485 Interface
- 12VDC/24VAC



VN220D88

- 20m IR Beam Distance
- 2.8-12mm
- True DN(ICR)
- Extra video out
- IP 67 Weatherproof
- RS-485 Interface
- 12VDC/24VAC



VDS120D88-VFA12DN

- 3.3-12mm
- True DN(ICR)
- Extra video out
- Tool-free 3-Axis
- 12VDC/24VAC



VDA111D88-VFA12DN

- 3.3-12mm
- True DN(ICR)
- Extra video out
- Tool-free 3-Axis
- IP 66 Weatherproof
- 12VDC/24VAC



VD70D88-S

- 3.6/4.3/6mm
- Tool-free all directional mount
- IP 66 Weatherproof
- Surface mount
- 12VDC



VD70D88-F

- 3.6/4.3/6mm
- Tool-free all directional mount
- IP 66 Weatherproof
- Flush mount
- 12VDC



VC57D88

- True DN(ICR)
- Flange-back focus adjustment
- 12VDC, 12VDC/24VAC



VC58D88

- True DN(ICR)
- Flange-back focus adjustment
- 12VDC, 12VDC/24VAC



VM32D88/VM42D88

- Digital DN
- 12VDC
- Model optional
- VM32D88 32x32mm
- VM42D88 42x42mm
- Lens option
- Board : 2.45/2.9/3.6/4.3/6/8/12/16mm
- Vertical : 2.8-12mm/ 5-50mm

Special cameras

Analog

Super Night Vision camera



VA102E-VL60

- 120m IR Beam Distance
- Fan/Heater - Option
- VA102E-VL60HT



VA102E-VL60W

- 100m Visible Range(IR + White LED)
- White LED activation when Motion or Face is detected
- Fan/Heater-Option
- VA102E-VL60WHT



VA372WD-VL60

- Optical x37, Digital x12
- 120m IR Beam Distance
- Fan/Heater - Option
- VA372WD-VL60HT



VA332WD-VL60

- Optical x33, Digital x12
- 120m IR Beam Distance
- Fan/Heater - Option
- VA332WD-VL60HT



VN7XLP

- 1/3" Sony Super HAD CCDII
- 600TVL(D)/ 650TVL(N)
- 5-50mm lens, Up to 20m capture
- 1/1600 sec. or 1/5000 sec. Shutter Speed Control
- Capture plates from vehicles moving up to 50Km
- True DN(ICR)
- Cable managed bracket
- IP 67 Weatherproof
- 12VDC/24VAC
- Heater Option



VN70LP

- 1/3" Sony BW Ex-view CCD
- 600TVL(EA)/ 580TVL(CCR)
- Capture plates from vehicles moving up to 50Km
- Cable managed bracket
- IP 67 Weatherproof
- 24VDC/24VAC
- 24VDC/1.9A Power Adaptor Inclusion
- [Model Optional]
- VN70LP-16 16mm lens, Up to 10m capture
- VN70LP-35 35mm lens, Up to 20m capture



VR100CNH

- 1/3" Super Sensitive CCD
- 520TVL(D)/ 560TVL(N)
- Digital DN - 10M IR Beam Distance
- Mirror Image on/off selectable
- Front view, Inside view, Rear view, Side view(Left/Right) by Factory Default
- Camera angle adjustable(Max. 30 deg.)
- Vibration free
- IP 67 Weatherproof
- 12VDC(Tot. 8VDC ~ 19VDC)
- Audio with C-Mic/ Indoor
- VR100CNHA

License Plate Capture camera

Vehicle camera

Night Vision camera



VN300HB/HBH

- VN300HB
- 400TVL(D)/420TVL(N)
- VN300HBH
- 600TVL(D)/650TVL(N)
- 3.6mm
- 2DNR
- 50m IR Beam Distance
- Intelligent IR Image Compensation
- Extra video out
- IP 67 Weatherproof
- 12VDC, 12VDC/24VAC



VN310HB/HBH

- VN310HB
- 400TVL(D)/420TVL(N)
- VN310HBH
- 600TVL(D)/650TVL(N)
- 2.8~12mm
- 2DNR
- 35m IR Beam Distance
- Intelligent IR Image Compensation
- Intelligent IR Image Compensation
- True DN(ICR)
- Extra video out
- IP 67 Weatherproof
- 12VDC, 12VDC/24VAC



VN200HB/HBH

- VN200HB
- 400TVL(D)/420TVL(N)
- VN200HBH
- 600TVL(D)/650TVL(N)
- 3.6mm
- 2DNR
- 30m IR Beam Distance
- Intelligent IR Image Compensation
- Intelligent IR Image Compensation
- IP 67 Weatherproof
- 12VDC, 12VDC/24VAC



VN210HB/HBH

- VN210HB
- 400TVL(D)/420TVL(N)
- VN210HBH
- 600TVL(D)/650TVL(N)
- 2.8~12mm
- 2DNR
- 20m IR Beam Distance
- Intelligent IR Image Compensation
- Intelligent IR Image Compensation
- True DN(ICR)
- Extra video out
- IP 67 Weatherproof
- 12VDC, 12VDC/24VAC



VN5XHBH

- 600TVL(D)/650TVL(N)
- 3.6mm
- 15m IR Beam Distance
- 12VDC

Indoor Dome camera



VD102HB/HBH

- VD102HB
- 400TVL(D)/420TVL(N)
- VD102HBH
- 600TVL(D)/650TVL(N)
- 2.8~12mm
- 2DNR
- 3-Axis(All directional mount)
- Extra video out
- RS-485 Interface (Pelco-D Protocol)
- 12VDC



VD102HB/HBH-IR

- VD102HB-IR
- 400TVL(D)/420TVL(N)
- VD102HBH-IR
- 600TVL(D)/650TVL(N)
- 2.8~12mm
- 2DNR
- 30m IR Beam Distance
- Intelligent IR Image Compensation
- Intelligent IR Image Compensation
- True DN(ICR)
- 3-Axis(All directional mount)
- Extra video out
- RS-485 Interface(Pelco-D Protocol)
- 12VDC

Speed Dome camera

Analog

33x, 37x Optical zoom

Mini Speed Dome



Indoor



Outdoor

- 550TVL(D)/ 680TVL(N)
- Min. Illumination : 0.4Lux(Color, Sens-up off), 0.02Lux(B/W)
- True DN(ICR)
- DNR(Digital Noise Reduction)
- Sens-up
- Pan/Tilt angle : Pan 360° (400°/sec.), Tilt -3° ~ 180° (400°/sec.)
- 128 Presets & a various automatic surveillance
- Intelligent & Precise mechanism
- Sensor Input(x2)/ Output(x1)
- RS-485 Interface(Pelco D/P Protocol)
- 24VAC

- [Outdoor option]
- Fan/Heater
 - IP 66 Weatherproof



VPD100

- 1/4" Sony Double Scan CCD
- 520TVL(D)/ 570TVL(N)
- DNR(Digital Noise Reduction)
- Pan/Tilt angle : Pan 360(400/sec.) Tilt 0~90(400/sec.)
- 64 Presets & a various automatic surveillance
- Intelligent & Precise mechanism
- Sensor Input(x4)
- RS-485 Interface(Pelco D/P Protocol)
- Surface/Flush mount compatible
- IP 66 Weatherproof
- Optical 10x, Digital 10x
- True DN(ICR)
- 12VDC

VPD330WD - I 1/4" Sony Double Scan CCD, Optical 33x, Digital 12x, WDR, Indoor
 VPD370WD - I 1/4" Sony Double Scan CCD, Optical 37x, Digital 12x, WDR, Indoor

VPD330WD - O 1/4" Sony Double Scan CCD, Optical 33x, Digital 12x, WDR, Outdoor
 VPD370WD - O 1/4" Sony Double Scan CCD, Optical 37x, Digital 12x, WDR, Outdoor

PoC System One Cable Transmission of Power & Video

PoC

Key features

- Power over Coaxial
- 300m Video & Power Transmission with one Cable(FM type)
- Keep Original Video against interception
- Easy & less cost Installation

Night Vision camera



VN7XEH-VFA-PoC

- 50M IR Beam Distance
- 2.8-12mm / 5-50mm
- True DN(ICR) · Intelligent IR
- External Focus Adjustment
- Extra video out
- IP 67 Weatherproof
- 48VDC Power Input

VN6XEH-VFA-PoC

- 30M IR Beam Distance
- 2.8-12mm
- True DN(ICR) · Intelligent IR
- External Focus Adjustment
- Extra video out
- IP 67 Weatherproof
- 48VDC Power Input

Vandal Dome camera



VDA110EH-VFA-PoC

- 3.3-12mm
- True DN(ICR)
- Extra video out
- Tool-free 3-Axis
- IP 66 Weatherproof
- 48VDC Power Input

VDA110EH-VFAIR-PoC

- 30M IR Beam Distance
- 3.3-12mm
- True DN(ICR)
- Extra video out
- Tool-free 3-Axis
- IP 66 Weatherproof
- 48VDC Power Input

Indoor Dome camera



VD101EH-VFA-PoC

- 2.8-12mm
- Extra video out
- 3-Axis
- 48VDC Power Input

VD101EH-VFAIR-PoC

- 30M IR Beam Distance
- 2.8-12mm
- True DN(ICR)
- Extra video out
- 3-Axis
- 48VDC Power Input

Box camera



VC58EH-PoC

- True DN(ICR)
- RS-485 Interface
- 48VDC Power Input

Transmission



VPTx1(1ch Tx Unit)

VPRx1(1ch Rx Unit)

VPRx4(4ch Rx Unit)

VPRx8(8ch Rx Unit)

DVR

Economy													
Image	Item Nr.	O/S	Video	Audio	HDD	Loop out	Spot out	Jog	DVD R/W	Resolution(H.264)		Event	Power
	VH0430E	Embedded Linux	4CH, H.264/M-JPEG	1CH(Input)/1CH(Output)	1 x Int. SATA	N.A.	N.A.	N.A.	N.A.	NTSC : 120fps@CIF, 60fps@HD1, 30fps@D1 PAL : 100fps@CIF, 50fps@HD1, 25fps@D1		N.A	DC12V/3A
	VH0830E	Embedded Linux	8CH, H.264/M-JPEG	1CH(Input)/1CH(Output)	1 x Int. SATA	N.A.	N.A.	N.A.	N.A.	NTSC : 240fps@CIF, 120fps@HD1, 60fps@D1 PAL : 200fps@CIF, 100fps@HD1, 50fps@D1		N.A	DC12V/3A

Special													
Image	Item Nr.	O/S	Video	Audio	HDD	Loop out	Spot out	Jog	DVD R/W	Resolution(H.264)		Event	Power
	VH0460S	Embedded Linux	4CH, H.264/M-JPEG	1CH(Input)/1CH(Output)	2(1) x Int. SATA	N.A.	Yes	N.A.	Yes (Option)	NTSC : 120fps@CIF, 120fps@HD1, 60fps@D1 PAL : 100fps@CIF, 100fps@HD1, 50fps@D1		4CH Alarm In & 1CH Alarm Out	DC12V/5A
	VH0860S	Embedded Linux	8CH, H.264/M-JPEG	1CH(Input)/1CH(Output)	2(1) x Int. SATA	N.A.	Yes	N.A.	Yes (Option)	NTSC : 240fps@CIF, 240fps@HD1, 240fps@D1 PAL : 200fps@CIF, 100fps@HD1, 50fps@D1		4CH Alarm In & 1CH Alarm Out	DC12V/5A
	VH1660S	Embedded Linux	16CH, H.264/M-JPEG	1CH(Input)/1CH(Output)	2(1) x Int. SATA	N.A.	Yes	N.A.	Yes (Option)	NTSC : 240fps@CIF, 120fps@HD1, 60fps@D1 PAL : 200fps@CIF, 100fps@HD1, 50fps@D1		4CH Alarm In & 1CH Alarm Out	DC12V/5A

Professional													
Image	Item Nr.	O/S	Video	Audio	HDD	Loop out	Spot out	Jog	DVD R/W	Resolution(H.264)		Event	Power
	VH04120P	Embedded Linux	4CH, H.264/M-JPEG	4CH(Input)/1CH(Output)	4(3) x Int. SATA	Yes	Yes	Yes	Yes (Option)	NTSC : 120fps@CIF, 120fps@HD1, 120fps@D1 PAL : 100fps@CIF, 100fps@HD1, 100fps@D1		4CH Alarm In & 4CH Alarm Out	DC12V/7A
	VH08240P	Embedded Linux	8CH, H.264/M-JPEG	4CH(Input)/1CH(Output)	4(3) x Int. SATA	Yes	Yes	Yes	Yes (Option)	NTSC : 240fps@CIF, 240fps@HD1, 240fps@D1 PAL : 200fps@CIF, 200fps@HD1, 200fps@D1		8CH Alarm In & 4CH Alarm Out	DC12V/7A
	VH16480P	Embedded Linux	16CH, H.264/M-JPEG	8CH(Input)/1CH(Output)	4(3) x Int. SATA	Yes	Yes	Yes	Yes (Option)	NTSC : 480fps@CIF, 480fps@HD1, 480fps@D1 PAL : 400fps@CIF, 400fps@HD1, 400fps@D1		16CH Alarm In & 4CH Alarm Out	DC12V/7A

CMS Enterprise-Level Central Management Software

- Max. 180 Channel Real-Time Monitoring
- Up to 5 Monitors on a Single P/C Workstation
- Cloning Features to Create a Separate Window
- Multi-Layer E-Map Editor
- Auto Network Connection & Instant Recording
- Scheduled Remote Backup

MMS Mobile-Viewer Live Monitoring & Playback

O/S	Maker	Smart Phone
Windows Mobile	Microsoft	Windows Mobile O/S Phone
Black Berry	RIM	Black Berry Phone
Symbian	Nokia	Nokia Phone
iPhone	Apple	iPhone
Android	Google	Google Android O/S Phone

RMS 16 Channel Remote Management Software

- Live Monitoring
- VOD Playback
- PTZ Control