VONNIC
Innovative Surveillance Technology

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VONNIC
Innovative Surveillance Technology
HDCVI
NEW ARRIVAL

www.vonnic.com

HD-CVI TRUE HD

HD Video Format 1920H(1920×1080) & 1280H(1280×720)

Analog Modulation Uncompressed and Crosstalk-Free

Transmission Over Coaxial Cable Reliable and Non-Latency Point-to-Point Transmission

Remote Viewing

P2P Cloud TECHNOLOGY

QR Code

Smart Simple Secure
No Port Forwarding Required

Coming Soon

Model Number	DVR-CVI3204	DVR-CVI3208	DVR-CVI3232	DVR-CVI55104H-2	DVR-CVI55108H-2	DVR-CVI55116H-2
Video Input	4CH	8CH	32CH	4CH	8CH	16CH
Video Output	← VGA, HDMI →		2 HDMI, 1 VGA, 1 TV			
Recording	← 720p Real Time →			← 720p Real Time → 1080p / 15fps		
Audio In/Out	← 4CH In / 1CH Out →			← 1CH In / 1CH Out →		
Playback Channel	4CH	8CH	32CH	4CH	8CH	16CH
Storage HDD	← SATA up to 4TB →		4 SATA up to 16TB	← SATA up to 4TB →		
PTZ	← 1 RS-485 →					
Backup	← USB Flash Drive, USB External HDD, Network →		USB Device/eSATA Device/ Internal SATA burner/ Network	← USB Device/Internal SATA burner/Network →		

Support iPhone and Android Mobile Phone   Support All Channels Playback   Free Permanent DDNS Services. No Registration Required.   Hard Drive Not Included

HD-CVI Cameras **2** Years Warranty
High Definition Video Quality at a Lower Cost

720p
1.3MP
Auto Focus and Auto Iris

VCPCVI1201-D
- 1/3" Exmor CMOS
- 4.7-94mm
- 20x Optical Zoom, 16x Digital Zoom
- Max 240 °/s pan speed 2 near IR LED + 4 far IR LED / up to 328ft
- Weather Proof IP66
- AC 24V

1 Year Warranty

DWDR	ICR	ATW	HLC	BLC

1080p
2MP
Auto Focus and Auto Iris

1 Year Warranty
VCPCVI2121-D
- 1/2.8" Exmor CMOS
- 5.1-61.2mm
- 12x Optical Zoom, 16x Digital Zoom
- Max 300 °/s pan speed
- Weather Proof IP66
- AC 24V

BLC	DNR	OSD
DWDR	ICR	AWB	AGC

1080p
2MP

MOTORIZED LENS

VCVID2220R-D
- 1/2.8" CMOS Sensor
- 2.7-12mm Motorized Lens
- IR LED up to 98ft, Smart IR
- Vandal Proof IK10
- Weather Proof IP66
- DC 12V

BLC	DNR	OSD
ICR	AWB	AGC

Tribrid

HDCVI + Analog + IP

Remote Viewing

2 Years Warranty

P2P Cloud TECHNOLOGY

Onvif

H.264 compression

Full HD 1080p

Coming Soon

Model Number	DVR-TRI77816S	DVR-TRI77208A-2	DVR-TRI55208A-2	DVR-TRI55216A-2
Video Input	16CH	⟵ 8CH ⟶		16CH
Video Output	⟵ HDMI, VGA ⟶			
Recording	⟵ **1080p Real Time** ⟶		⟵ 720p Real Time, 1080p / 15fps ⟶	
Audio In/Out	16CH In / 1CH Out	⟵ 4CH In / 1CH Out ⟶		
Playback Channel	16CH	⟵ 8CH ⟶		16CH
Storage HDD	8 SATA up to 32TB, eSATA up to 16TB	⟵ 2 SATA up to 8TB ⟶		
PTZ	⟵ 1 RS-485 ⟶			
Backup	USB Device/eSATA Device/ Internal SATA burner/Network	⟵ USB Device/Inernal SATA burner/Network ⟶		

Support iPhone and Android Mobile Phone   Support All Channels Playback   Free Permanent DDNS Services. No Registration Required.   Hard Drive Not Included

VCVID3680G   VCVID3680W

720p 1.3MP

VCVID3600G   VCVID3600W

720p 1.3MP

VCVID3740W
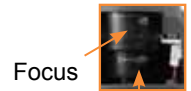
720p 1.3MP

Vandal Proof IP66

Underside Wire Concealment

- ▸ 1/3″ CMOS Sensor
- ▸ 2.8-12mm 2MP Vari-Focal Lens
- ▸ 36 IR LED / Up to 125ft
- ▸ IR Cut Filter
- ▸ Weather Proof IP66
- ▸ DC 12V

- ▸ 1/3″ CMOS Sensor
- ▸ 3.6mm 2MP Fixed Lens
- ▸ 24 IR LED / Up to 75ft
- ▸ IR Cut Filter
- ▸ Weather Proof IP66
- ▸ DC 12V

- ▸ 1/3″ CMOS Sensor
- ▸ 2.8-12mm 2MP Vari-Focal Lens
- ▸ 30 IR LED / Up to 125ft
- ▸ IR Cut Filter
- ▸ Weather Proof IP66
- ▸ DC 12V

Focus

Zoom

VCVIB1420G

Long Range IR

720p 1.3MP

VCVIB1302G

720p 1.3MP

VCVIB1200G

720p 1.3MP

- ▸ 1/3″ CMOS Sensor
- ▸ 6-60mm 2MP Vari-Focal Lens
- ▸ 60 IR LED / Up to 200ft
- ▸ IR Cut Filter
- ▸ Weather Proof IP66
- ▸ DC 12V

Zoom

Focus

- ▸ 1/3″ CMOS Sensor
- ▸ 2.8-12mm 2MP Vari-Focal Lens
- ▸ 42 IR LED / Up to 150ft
- ▸ IR Cut Filter
- ▸ Weather Proof IP66
- ▸ DC 12V

Zoom

Focus

- ▸ 1/3″ CMOS Sensor
- ▸ 3.6mm 2MP Fixed Lens
- ▸ 24 IR LED / Up to 75ft
- ▸ IR Cut Filter
- ▸ Weather Proof IP66
- ▸ DC 12V

IP NVRs

IP (Internet Protocol) based device that connects multiple IP cameras simultaneously via a centralized network recorder.

Simple & Easy Set Up with PoE

Superior Image Quality · Easy, Future-Proof Integration

Full HD 1080p | Dual Core | Onvif | Mac CMS CLIENT | 2 Years Warranty

IP Cameras

NVR

PoE (Power over Ethernet)
Available on Select Models

Available to all models denoted with a "P" on the end of the model number

Modem

Accessories

4, 8, 16, and 24 Channel PoE Switch available to support NVR without PoE
See P.7 for more information

Computers and Other Mobile Devices

Express Series

Built with PoE

NVR-C4104FP

▶ 4CH 1080p NVR Built-in PoE
▶ HDMI up to 1920x1080 Resolution
▶ Audio in / out, All Channel Playback
▶ Max. 1 x 4TB SATA HDD (HDD Not Included),
▶ Digital Zoom, PTZ, USB, HDMI, Network Backup

P2P Cloud TECHNOLOGY

QR Scan

Quick and Easy Remote Setup, **NO** Port Forwarding Needed

NEW! Western Digital Purple Drive

WD Purple Surveillance Storage offers exclusive AllFrame technology to bring you premium reliability and peace-of-mind when installing your home or small to medium business security system.

WD Purple Surveillance Storage is built for 24/7, always-on, high-definition surveillance security systems that use up to eight hard drives and up to 32 cameras.

The evolution of surveillance.
WD absolutely
WD Purple
Surveillance Hard Drive
Purple

1TB _____
2TB _____
3TB _____

1U Case
Thinner and Lighter Chassis Design

1.5U Case
NVR-C6316F

IP NVRs

PoE Available

Model Number	NVR-C6208FP	NVR-C6216HP	NVR-C6108F	NVR-C6208F	NVR-C6232H	NVR-C6316F
Main Processor	← High Performance Dual-Core Embedded Microprocessor →					
Input	8CH	16CH	8CH	8CH	32CH	16CH
Output	← 1 HDMI(Video& Audio), 1 VGA →					
Recording-1080p	8CH/ 240fps 30fps/CH	16CH/ 240fps 15fps/CH	8CH/ 240fps 30fps/CH	8CH/ 240fps 30fps/CH	32CH/ 240fps 7.5fps/CH	16CH/ 480fps **30fps/CH**
Storage HDD	← 2 SATA up to 8TB →					
Playback Channel	8CH	16CH	8CH	8CH	← 16CH →	
PoE	← 8 Ports →		← N/A →			
Power Supply	← NVR: DC 12V/ 3.3A → ← PoE: DC48V →		← NVR: DC 12V/ 3.3A →			
Backup	← Flash Drive, USB HDD, USB CD&DVD-RW, Network Download →					

32TB up to Internal Storage

PoE Available to all models denoted with a "P" on the end of the model number

2U NVR that Offers Maximum Storage Space

* Hard Drive Not Included

Model Number	NVR-C7816FP	NVR-C7832H
Main Processor	← High Performance Dual-Core Embedded Microprocessor →	
Input	16 CH	32CH
Output	← 1 HDMI(Video& Audio), 1 VGA →	
Recording-1080p	16CH/ 480fps 30fps/CH	32CH/ 240fps 7.5fps/CH
Storage HDD	← Internal: 8 SATA Ports, up to 32TB; 6 SATA Ports, up to 24TB with DVDRW → ← External: 1 eSATA Port, up to 16TB →	
Playback Channel	16CH	32CH
PoE	**NEW** **16 Ports**	← N/A →
Power Supply	NVR: 110V - 220V	NVR: AC 100V~ 249V, 50/60Hz
Backup	← Flash Drive, USB HDD, USB CD&DVD-RW, Network Download →	

MEGA series

Progressive Scan Exmor CMOS Sensor

Full HD 1080p

PoE

Available to all models denoted with a "P" on the end of the model number

Onvif

2 Years Warranty

MOTORIZED LENS

Motorized Lens Cameras' zoom, focus and iris setting are controlled by software

VIPD520W-P

- ▶ 2.0 Megapixels
- ▶ 1080p(1920×1080)
- ▶ 15 IR LED / Up to 65ft
- ▶ 3.0-9.0mm Motorized Lens
- ▶ DC12V/ AC24V

2DNR	DWDR	BLC	AWB
AGC	ICR	HLC	

VIPPTZ210IR-2

1 Year Warranty

Auto Focus and Auto Iris

1080p 2MP

SD Card up to **64GB** Local Storage

30x Optical Zoom

BLC	ICR	AWB	HLC	DWDR	Ultra DNR

- ▶ 1/2.8" Exmor CMOS
- ▶ 4.3mm~129mm
- ▶ IR Distance up to 328ft (2 near IR LED+ 4 far IR LED)
- ▶ Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°
- ▶ Weather Proof IP66, Vandal Proof IK-10
- ▶ AC 24V (Included)

VIPPTZ210-2

1 Year Warranty

Auto Focus and Auto Iris

1080p 2MP

SD Card up to **64GB** Local Storage

30x Optical Zoom

ICR	DWDR	Ultra DNR

- ▶ 1/2.8" Exmor CMOS
- ▶ 4.3mm~129mm
- ▶ 30x optical zoom
- ▶ Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°
- ▶ Weather Proof IP66, Vandal Proof IK-10
- ▶ AC 24V (Included)

VIPPTZ203

1 Year Warranty

Auto Focus and Auto Iris

1080p 2MP

SD Card up to **32GB** Local Storage

3x Optical Zoom

BLC	ICR	AWB	AGC	DWDR

- ▶ Weather Proof IP66
- ▶ Vandal Proof IK-10
- ▶ DNR (2D & 3D)
- ▶ DC 12V, PoE

VIPD330FW-P

1080p 3MP

ECO-SAVVY

PoE

AWB	AGC	ICR

- ▶ 1080p(1920×1080)
- ▶ 3.6mm Fixed Lens
- ▶ Weather Proof IP66
- ▶ Vandal Proof IK-10
- ▶ DC 12V

VIPD210W-P

720p 1.3MP

PoE

AWB	AGC	ICR

- ▶ 3.6mm Fixed Lens
- ▶ 12 IR LED / Up to 65ft
- ▶ Weather Proof IP66
- ▶ DC 12V

VIPD230W-P

1080p 3MP

PoE ECO-SAVVY

AWB	AGC	ICR	2DNR	ICR

- ▶ 3.6mm Fixed Lens
- ▶ 15 IR LED / Up to 65ft
- ▶ Weather Proof IP66
- ▶ DC 12V

VIPD530W-P

1080p 3MP

Auto Iris

BVIPD530

BRACKET WALL MOUNT FOR VIPD530W-P

SD Card up to **32GB** Local Storage

PoE

AWB	AGC	ICR
2DNR	DWDR	BLC

- ▶ 35 IR LED / Up to 65ft
- ▶ 2.8-12mm /F1.6 Lens
- ▶ Dual Voltage 12V/24V
- ▶ Weather Proof IP66
- ▶ Vandal Proof IK-10
- ▶ DC12V/ AC24V

Eco-Savvy series - This new series cameras manage to save 75% of networking bandwidth and storage. In addition, the cameras consume 50% less power than other cameras, allowing product longevity.

VIPB210W-P

720p 1.3MP

- 3.6mm Fixed Lens
- 25 IR LED / Up to 65ft
- Weather Proof IP66
- 4000V Thunder Surge and Wave Protection
- DC 12V

PoE

| AWB | AGC | ICR |

VIPB230W-P

1080p 3MP

| AWB | AGC | ICR |
| HLC | BLC | DWDR |

ECO-SAVVY

PoE

- 3.6mm Fixed Lens
- 30 IR LED / Up to 65ft
- Weather Proof IP66
- DC 12V

VIPB320W-P

1080p 2MP

PoE

SD Card up to **32GB** Local Storage

- 18 IR LED / Up to 65ft
- 3.3-12mm/F1.4 Lens
- Weather Proof IP66
- DC 12V

VIPD430W-P

1080p 3MP

ECO-SAVVY

PoE

- 1080p(1920×1080)
- 3.6mm Fixed Lens
- Weather Proof IP66
- DC 12V

VIPB1910W-P

1.3 MP

IR Cut Filter   PoE

- 3.6mm Fixed Lens
- 30 IR LED / up to 100ft
- Weather Proof IP66
- DC 12V

VIPR330-P

1080p 3MP

PoE | ICR |

SD Card up to **32GB** Local Storage

- 0.2LUX/F1.2(Color),
- 0.01LUX/F1.2(B/W)
- Dual Voltage 12V/24V
- * Lens not included

Mega Pixel Lens

LH5100-1

- 5-100mm Vari-Focal Lens
- 1.5MP

LH2812-2

- 2.8-12mm Vari-Focal Lens
- Auto-IRIS, 2.0MP

IP Cameras

PoE Switch / Accessories

VPOEA1P16W

- Single Port PoE Injector-16W
- 10/100 Based (802.3af)
- AC100-240V Input
- Output DC48V/16W

VPOEA1000

- POE Extender
- Complies with IEEE 802.3af
- Power over Ethernet
- PoE Extends Additional, 100 meters (328ft.)

VPOES4P65W

POE Switch 4 CH

- POE Switch 4CH with Extra Front Port
- Up to 65W of POE Power,
- 10/100 Base-T LAN
- Compatible with IEEE802.3af.

VPOES8P1G150W

POE Switch 8 CH

NEW

- POE Switch 8-Port 10/100Mbps + 2 Gigabit TP/SFP Port
- Up to 150W of POE Power
- Compatible with IEEE802.3af

VPOES16P120W

POE Switch 16 CH

- POE Switch 16CH
- Up to 120W of POE Power
- 10/100 Base-T LAN
- Compatible with IEEE802.3af

VPOES24P4G196W

POE Switch 24 CH

- POE Switch 24CH with 4 Gigabit CH
- Gigabit Web Smart PoE
- Switch 10/100Mbps + 1000Mbps 24 x 10/100Mbps
- Auto-MDIX PoE Ports 4 x 10/100/1000Mbps

Vonnic Enterprise Series
Real Time HD-SDI DVRs

Remote Viewing

True 30fps

Real time recording means that each channel on the DVR is able to capture and record at least 30 frames per second. The increased quality of the pictures becomes more evident in fast action sequences where the subject moves quickly through the cameras.

2 Years Warranty

30fps - Real Time Recording   Non Real Time Recording

Model Number	DVR-KHD0430M	DVR-KHD0830M	DVR-KHD1630M
Video Input	4CH	8CH	16CH
Video Output	HDMI or VGA	⟵ HDMI and VGA ⟶	
Recording	1920*1080 /120fps	1920*1080 /240fps	1920*1080 /480fps
Audio In/Out	4CH In / 1CH Out	8CH In / 1CH Out	16CH In / 1CH Out
Alarm In/Out	4CH In / 1CH Out	8CH In / 2CH Out	16CH In / 4CH Out
Playback Channel	4CH	8CH	16CH
Storage HDD	2 SATA HDD up to 6TB	⟵ 6 SATA HDD up to 24TB ⟶	
DVDRW	⟵ Optional ⟶		
PTZ	⟵ 1 RS-485 ⟶		
Backup	⟵ USB Flash Drive, USB External HDD, Network ⟶		

Support iPhone and Android Mobile Phone   Support All Channels Playback   Free Permanent DDNS Services. No Registration Required.   Hard Drive Not Included

H.264 compression

Full HD 1080p

Model Number	DVR-KHD0405SE
Video Input	4CH
Video Output	1 HDMI (1080p), 1 VGA (1080p)
Recording	1920*1080/28fps, 1280*720/60fps
Audio In/Out	4CH In / 1CH Out
Alarm In/Out	4CH In / 1CH Out
Playback Channel	4CH
Storage HDD	2 SATA HDD up to 4TB
DVDRW	N/A
PTZ	1 RS-485
Backup	USB Flash Drive, USB External HDD, Network

**Full HD (1920 x 1080p) resolution
real-time recording capability
3G/4G Mobile Support**

Support iPhone and Android Mobile Phone   Support All Channels Playback   Free Permanent DDNS Services. No Registration Required.   Hard Drive Not Included

Panasonic 2.2 Megapixels CMOS
HD-SDI Cameras
Equipped with Ultra 3.0 Megapixels Lens (DC 12V)

HD-SDI Cameras

Full HD 1080p

Powered By Korean Technology

| ICR | DNR | AWB | TDN | DWDR |

2 Year Warranty

OSD **Focus Zoom** **Underside Wire Concealment**

VCHPD2535W

- 2.8-11mm Vari-Focal Lens
- 35 IR LED / Up to 100ft
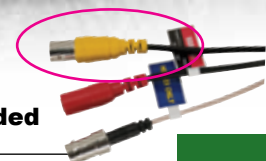- IR Control - Min/Max
- Vandal / Weather Proof IP66

Dual Voltage	
True WDR	
Analog Video Output	
RCA onboard	BNC cable

Analog BNC Included

VCHPD2509W

3MP HD Lens
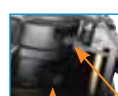
True WDR

OSD **Focus** **Zoom**

Analog Video Output	
2 Pin Jumper to BNC onboard	BNC cable

BVCHPD2509W

BRACKET WALL MOUNT FOR VCHPD2509W

- 2.8-11mm Vari-Focal Lens
- 30 IR LED / Up to 85ft
- IR Control - Min/Max
- Vandal / Weather Proof IP66

VCHPD2548G/W

3MP HD Lens

- 2.8-12mm Vari-Focal Lens
- 35 IR LED / Up to 100ft
- Weather Proof IP66

True WDR

VCHPD2503G/W

3MP HD Lens

- 3.7mm Fixed Lens
- 24 IR LED / up to 75ft
- Weather Proof IP66

VCHPD2507W

3MP HD Lens

INDOOR

OSD

Onboard Analog Video Tester Output

- 2.8-11mm Vari-Focal Lens
- 35 IR LED / Up to 100ft
- IR Control - Min/Max

True WDR

Zoom **Focus**

VCHPB2109G

3MP HD Lens

OSD

- 3.7mm Fixed Lens
- 24 IR LED / Up to 75ft
- Weather Proof IP66
- Auto-IRIS

True WDR

VCHPB2134G

3MP HD Lens

- 2.8-11mm Vari-Focal Lens
- 36 IR LED / Up to 100ft
- Weather Proof IP66

True WDR

DVRs

Sony Exmor 2.0 Megapixels HD-SDI Cameras

DC 12V   2 Years Warranty

Full HD 1080p

VCHCSD3503W   VCHCSD3503G

NEW

ICR	3DNR	DWDR	OSD

▶ 3.7mm Fixed Lens
▶ 23 IR LED / up to 65ft
▶ Weather Proof IP66

VCHCSD5340W

OSD

▶ 2.8-11mm Vari-Focal Lens
▶ 30 IR LED / Up to 98ft
▶ IR Control - Min/Max
▶ Vandal / Weather Proof IP66

BV5340W

BRACKET WALL MOUNT FOR VCHCSD5340W

VCHCSD3550W   VCHCSD3550G

NEW

ICR	3DNR	DWDR	OSD

▶ 2.8-12mm Vari-Focal Lens
▶ Weather Proof IP66
▶ 36 IR LED / up to 82ft
▶ Analog BNC Included

VCHCSB3260G

ICR	3DNR	DWDR	OSD

▶ 2.8-12mm Vari-Focal Lens
▶ Weather Proof IP66
▶ 42 IR LED / up to 130ft
▶ Analog BNC Included

VCHPM2306B

Pinhole CAMERA

HD Full HD 1080p

OSD

▶ Panasonic 2.2 Megapixel CMOS Sensor
▶ 3.7mm Fixed Megapixels HD Lens
▶ 0.5Lux (Color), 0.1Lux (BW), 0.02Lux (Sens-up 30X)
▶ DC 12V

VCHPR2630B

Auto Iris   **Box** CAMERA

*Lens Not Included

OSD	DNR	WDR	BLC	AGC

▶ Panasonic 2.2 Megapixel CMOS Sensor
▶ 0.5Lux (Color), 0.1Lux (B/W),
▶ 0.02Lux (Sens-up 30X)

COMPATIBLE HD LENS FOR VCHPR2630B

LH2812-2
LH5100-1

See P.7 for more information

HD Accessories

A0102

▶ HD-SDI Extender Transmitter-Receiver Pair
▶ DC 12V (Not Included)
▶ Up to 900ft (Transmitter to Receiver)

A0103

▶ HD-SDI Balun Transmitter-Receiver Pair
▶ DC 12V (Not Included)
▶ Up to 300ft

A0101

▶ HD-SDI Repeater
▶ DC 12V (Not Included)
▶ Up to 500ft

A0104

▶ HD-SDI Splitter   ▶ 1 In and 4 Out
▶ DC 5V Adapter (Included)

A2803

▶ HD-SDI To HDMI Converter/ Extender up to 300ft
▶ DC 5V Power Adapter (Included)

VAC108

HDMI Splitter

▶ HDMI Splitter 1-2 Port Splitter Pigtail

VAC109

HDMI Splitter

▶ HDMI Splitter 1-4 Port Splitter with IR Extension

Mix & Match Convenience Delivered

Enhanced Flexibility

2 Years Warranty

Model Number	DVR-KHB6108M	DVR-KHB6116M
Video Input	8CH	16CH
Video Output	← 1 VGA, 1 BNC, 1 HDMI →	
Recording Rate HD-SDI	1080p/120fps 720p/240fps	1080p/240fps 720p/480fps
Recording Rate 960H	960H/240fps	960H/480fps
Audio In/Out	← 4/1 →	
Alarm In/Out	← 4/1 →	
Playback Channel	8CH	16CH
Storage HDD	2 SATA up to 6TB	2 SATA up to 8TB
PTZ	← 1 RS-485 →	
Backup	← USB Flash Drive, USB External HDD, Network →	

Network remote access, email notification with video. Free Permanent DDNS Services. No Registration Required.   * Hard Drive Not Included

WD1   960H
New Global Standard

2 Years Warranty

30fps Real Time

Remote Viewing

Model Number	DVR-C5504HMF	DVR-C5508HMF	DVR-C5516HMF
Video Input	4CH	8CH	16CH
Video Output	← 1 HDMI, 1 VGA →		
Recording	960H/120fps	960H/240fps	960H/480fps
Audio In/Out	← 1CH In / 1CH Out →		
Playback Channel	4CH	8CH	16CH
Storage HDD	← SATA up to 4TB →		
PTZ	← 1 RS-485 →		
Backup	← USB Flash Drive, Network →		

Network remote access and email notification. Free Permanent DDNS Services. No Registration Required.   * Hard Drive Not Included   www.vonnic.com   11

HD-SDI Cameras

ANALOG DVRs

Vonnic's Analog 960H DVRs
Elite Series Powered by Korean Technology
2 Years Warranty

Remote Viewing

960H
New Global Standard

Outstanding high resolution images that can capture every important details

Model Number	DVR-K4108HMF	DVR-K4116HMF
Video Input	8CH	16CH
Video Output	⟵ 1 VGA, 1 BNC, 1 HDMI ⟶	
Recording Rate	960H/240fps	960H/480fps
Audio In/Out	⟵ 4/1 ⟶	
Alarm In/Out	⟵ 4/1 ⟶	
Playback Channel	8CH	16CH
Storage HDD	⟵ 2 SATA up to 6TB ⟶	
PTZ	⟵ 1 RS-485 ⟶	
Backup	⟵ USB Flash Drive, USB External HDD, Network ⟶	

Network remote access, email notification with video. Free Permanent DDNS Services. No Registration Required.   * Hard Drive Not Included

Economical recording solution with H.264 codec technology

**Quadplex Processing
Dual Video Streaming
Powerful Software and CMS Tool**

960H
New Global Standard

Remote Viewing

Model Number	DVR-K4104SEF	DVR-K4108SE	HDMI Available DVR-K4116SE
Video Input	4CH	8CH	16CH
Video Output	⟵ 1 VGA ⟶		1 HDMI, 1 VGA
Recording	960H/120fps	960H/120fps, CIF/240fps	960H/96fps, CIF/480fps
Audio In/Out	⟵ 1CH In / 1CH Out ⟶		4CH In / 1CH Out
Playback Channel	4CH	8CH	16CH
Storage HDD	⟵ SATA up to 2TB ⟶		SATA up to 4TB
PTZ	1 RS-485	N/A	1 RS-485
Backup	⟵ USB Flash Drive, USB External HDD, Network ⟶		

Network remote access, email notification. Free Permanent DDNS Services. No Registration Required.   * Hard Drive Not Included

2 Years Warranty

Super Bundle Deal
Limited Quantity

VCD5035W
- 3.6mm Fixed Lens
- 24 IR LED / up to 75ft
- Outdoor Cameras
- DC 12V

600 TV Lines Sony CCD HAD

+

CB60CAW
- 60ft Siamese Cable
- BNC + Power Connectors
- White

Illuminating the Unseen

960H Sony Effio-E 700 TV Lines Camera
with Motion Activated LED Flood Lights

VCB1740G-LED
Alarm LED Camera
- Sony Effio-E 700 TV Lines
- 2.8-12mm Vari-Focal Lens
- 2 IR LED / up to 160ft

3 Motion Activated LED
Illumination Range: 160ft

ANALOG DVRs ANALOG Cameras

VCR631W	**VCS402WA**	**VCS401WA**	**VCS3061**	**VCH2081W**
	Motion Detector	**Smoke Detector**		
	Built-in 3D Audio Capture	Built-in 3D Audio Capture	Pin Hole Camera	
▶ Sony Ex-view HAD CCD II	▶ Sony Super HAD CCD II	▶ Sony Super HAD CCD II	▶ 960H Effio-E CCD	▶ Sony CCD Effio-E DSP 960H
▶ 700 TV Lines	▶ 700 TV Lines	▶ 700 TV Lines	▶ 700 TV Lines	▶ 700 TV Lines
▶ 0.1 LUX / 0.001 LUX	▶ 3.7mm Pin Hole Lens	▶ 3.7mm Pin Hole Lens	▶ 3.7mm Pin Hole Lens	▶ 6-60mm Megapixels Lens
▶ AC 24V / DC12V	▶ Day/Night, 0.5 Lux	▶ Day/Night, 0.5 Lux	▶ Day/Night, 0.5 Lux	▶ 30 IR LED / Up to 175ft
▶ * Lens not included	▶ DC 12V	▶ DC 12V	▶ DC 12V	▶ Weather Proof IP66
BLC ATW HLC	WDR ATW	WDR ATW		▶ Cable Management Bracket
				▶ DC 12V

Effio

Global Standard 960H
Effio-A, Effio-V

2 Years Warranty

Sony **Effio-V 960H** 800 TV Lines Cameras 2.8-12mm Vari-Focal Lens, Weather Proof IP66, DC 12V

HLC	WDR	BLC	ZOOM	3DNR	OSD	Defog	ATR

VCB1720G   **VCB1710G**   **VCB1710GD**   **VCD5340W**
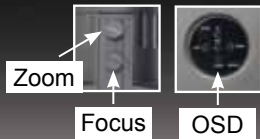
Long Range IR

Dual Voltage 12V/24V

Vandal Proof IP66

- ▶ **5-50mm** Vari-Focal Lens
- ▶ 60 IR LED / Up to 200ft

- ▶ 42 IR LED / Up to 150ft

- ▶ 30 IR LED / Up to 125ft

Zoom / Focus / OSD

Zoom / Focus / OSD
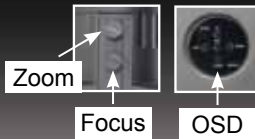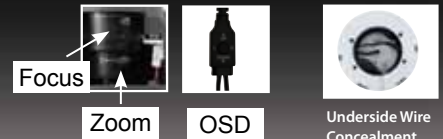
Focus / Zoom / OSD / **Underside Wire Concealment**

Sony **Effio-A 960H**

800 TV Lines Cameras

- ▶ 2.8-12mm Vari-Focal Lens
- ▶ 42 IR LED / Up to 150ft
- ▶ Weather Proof IP66
- ▶ DC 12V

HLC	BLC	ZOOM	3DNR	OSD	Defog	ATR

■ **VCD5480G**
□ **VCD5480W**
- ▶ 36 IR LED / Up to 125ft

VCB1700W   **VCB1702G**

Wall or Ceiling Mount Bracket

Sony Effio-E

960H 700 TV Lines Bullet Cameras

■ **VCB262EB**   □ **VCB262EW**

Aluminum Casing Cable MGT

- ▶ 60 IR LED / Up to 200ft
- ▶ Weather Proof IP66
- ▶ 2.8- 12mm Vari-Focal Lens
- ▶ DC 12V

HLC	OSD	DNR	DWDR

Special

VCD514W
Aluminum Casing

- ▶ 2.8mm Fixed Lens (Wide Angle)
- ▶ 24 IR LED / Up to 75ft
- ▶ Weather Proof IP66

VCB3021B   **VCD5093B**   **VCD548G**

**Vandal Proof IP66
Aluminum Casing**

Aluminum Casing

HLC	WDR	BLC	OSD	ATW

HLC	WDR	BLC	OSD

- ▶ 3.7mm Fixed Lens
- ▶ IP65 Weather Proof

- ▶ 2.8-12mm Vari-Focal Lens
- ▶ 30 IR LED / Up to 125ft
- ▶ Dual Voltage 12V/24V
- ▶ Weather Proof IP66

- ▶ 2.8-12mm Vari-Focal Lens
- ▶ 36 IR LED / Up to 125ft
- ▶ Weather Proof IP66

Get More with Sony Exmor!

The Highest Resolution 1.3 Megapixels with IR Cut

2 Years Warranty

Exmor
CMOS Sensor

1100 TV LINES

1/2.8" Sony Exmor CMOS 1.3MP, 2.8-12mm Vari-Focal Lens,
36 IR LED / Up to 125ft, Aluminum Casing, Weather Proof IP66, DC 12V

| DNR | DWDR | ZOOM | OSD |

VCD5330G
VCD5330W
▶ 3 Axis

VCB1490G
▶ Cable Management Bracket

850
TV Lines

CMOS Sensor, Aluminum Casing,
Weather Proof IP66, DC 12V

IR Cut Filter

Long Range IR

VCB1270G
▶ 2.8mm Fixed Lens
▶ 54 IR LED / Up to 150ft

VCD5160W
▶ 3.6mm Fixed Lens
▶ 36 IR LED / Up to 125ft

850
TV Lines

CMOS Image Sensor, Aluminum Casing, DC 12V
3.6mm Lens - 24 IR LED / up to 75ft
Weather Proof IP66 - Compact and Vandal Resistant
Aluminum Casing

IR Cut Filter

VCB1090CG
▶ Cable Management Bracket

VCD5030CW

Long Range IR

VCP732W

Sony Effio-E, 700 TV Lines
3.40-122.40mm Lens, **Laser IR**, IR Distance: 495ft
Weather Proof IP66 , Built-in Heat and Fan, AC 24V (Adapter Included)

Vonnic High Performance PTZ Features   **1** Year Warranty

Optical Zoom • Weather Proof IP66 • Cable Management Bracket • Vandal Resistant • AC 24V 3A(Adapter Included)

VCP734W

▶ Sony Effio-E
▶ 700 TV Lines
▶ 3.4-122.40mm Lens
▶ 10 ARRAY IR LED / Up to 495ft
▶ 36X Optical Zoom
▶ Built-in Heat and Fan

VCP709W

▶ 960H Effio-E
▶ 700 TV Lines
▶ 3.8-38mm Lens
▶ 12x Optical Zoom
▶ Day/Night 0.1 Lux
▶ DC 12V 500mA
▶ Power Adapter Not Included

VCP727W2

▶ Sony Super HAD CCD
▶ 600 TV Lines
▶ 3.2-86.4mm Lens
▶ 72 IR LED / Up to 250ft
▶ 27X Optical Zoom
▶ Built-in Heat and Fan

VCP728W2

▶ Sony Effio-E CCD
▶ 700 TV Lines
▶ 3.4-122.40mm Lens
▶ 72 IR LED / Up to 250ft
▶ 36X Optical Zoom
▶ Built-in Heat and Fan

BRACKET PTZ CEILING MOUNT

B522

See P.18 for more information

PTZ Controllers

PTZ Controller Distributor

VAP102

▶ PTZ CCTV 2 Way Controller

VAP104

▶ PTZ CCTV 4 Way Controller

A2204

▶ 2+1 In 4 out RS485 Distributor with Input Priority Control
▶ RS232/RS485 Input   ▶ DC 9V 1A (Included)

NEW All-in-One
HD-CVI Security Solution

DK4-CVI4404
4 Channels HDCVI DVR with 4 Cameras

- ▶ Up to 4 cameras with 1080p realtime preview
- ▶ H.264 dual-stream video compression, all channel 720P
- ▶ HDMI / VGA simultaneous video output
- ▶ 4 channel playback
- ▶ 3D intelligent positioning with PTZ dome camera
- ▶ Support 1 SATA HDD up to 4TB, 2 USB2.0

DK8-CVI4804
8 Channels HDCVI DVR with 4 Cameras

Package Includes:
- ▶ 1/3" Pixelplus CVI
- ▶ 3.6mm, 24IR LED (75ft)
- ▶ Pre-made Siamese 60ft Cables, Power Adapters and Splitter Included Mouse and Remote Control, Powerful CMS Software, Multi-Languages User Manual
- ▶ * Hard Drive Not Included

DK4-KHD4104K
4 Channels HD-SDI DVR with 4 HD-SDI Cameras (1080p)
HDMI Output up to 1920x1080 Resolution
H.264 Recording Compression
4 CH Audio in / 1 CH out, All Channel Simultaneous Playback, Support up to 2 x 2TB SATA HDD - Max 4TB (HDD Not Included), Digital Zoom, 1 RS-485 (PTZ), 2 USB Ports, Network Backup

Package Includes:
2.2 Megapixels HD 1080p Cameras, 3.7mm, 24IR LED (75ft)
Pre-made Siamese 60ft Cables, Power Adapters and Splitter Included Mouse and Remote Control, Powerful CMS Software, Multi-Languages User Manual
* Hard Drive Not Included

HD 1080p Solution

960H Real Time All-in-One Kits
VGA, HDMI Output up to 1080p Resolution, H.264 Recording Compression, Support up to 1 x 4TB SATA HDD (HDD not Included), Support All Channel Playback Display, Digital Zoom, PTZ, 1 port Audio in / out

Package Includes:
Pre-made Siamese 60ft Cables, Power Adapters and Splitter Included Mouse and Remote Control, Powerful CMS Software, Multi-Languages User Manual, * Hard Drive Not Included

CCD Night Vision Cameras
- ▶ 700 TV Lines
- ▶ 3.6mm
- ▶ 24IR LED / up to 75ft
- ▶ Weather Proof

Effio™

960H New Global Standard

DK4-C3404CCD	DK8-C3804CCD
▶ 4 Channels DVR	▶ 8 Channels DVR
▶ 4 CCD Cameras	▶ 4 CCD Cameras

DK8-C3808CCD	DK16-C31608CCD
▶ 8 Channels DVR	▶ 16 Channels DVR
▶ 8 CCD Cameras	▶ 8 CCD Cameras

CMOS Night Vision Cameras
- ▶ 850 TV Lines
- ▶ 3.6mm
- ▶ 24IR LED / up to 75ft
- ▶ Weather Proof

IR Cut Filter

960H New Global Standard

DK4-C3404CM	DK8-C3804CM
▶ 4 Channels DVR	▶ 8 Channels DVR
▶ 4 CMOS Cameras	▶ 4 CMOS Cameras

DK8-C3808CM	DK16-C31608CM
▶ 8 Channels DVR	▶ 16 Channels DVR
▶ 8 CMOS Cameras	▶ 8 CMOS Cameras

All in One Kits

Power Supplies & Accessories

VPA120800U	VPA121250U	VPA123000U	VPA125000U	VPA242000	VPA2412	VPA120404

800mA   1.25Amp
- Power Adapter
- DC 12V

VPA122001U

2Amp

3Amp   5Amp
- Power Adapter
- DC 12V

- Power Adapter
- AC 24V, 2000mA

- Power Converter
- AC 24V to DC 12V

- P-Adaptor 4CH
- DC 12V, 4100mA

VPB120912UP	VPB120918UP	VPB121812UP	VPB240910	VPB241815

- 9CH Port, DC 12V
- PTC, Auto Reset
- 12Amp   18Amp

- 18CH Port, 12Amp
- DC 12V, PTC, Auto Reset

AC 24V

- 9CH Port, 10Amp
- AC 24V, Fuse

- 18CH Port, 15Amp
- AC 24V, Fuse

VPB120910P-W	VPB121825P	VPB121820P	VPR121613UP

Outdoor with **Lock**

Weather Proof
- 9CH Port
- 10Amp, DC12V
- PTC

- 18CH Port
- 25Amp, DC 12V
- PTC

- 18CH Port
- 20Amp, DC 12V
- PTC

Rack Mount Power Supply
- 16CH Port,
- 13Amp, DC 12V,
- PTC

Tools & Testers

VAT108	VAT109	VAT110

Crimp Compression
- BNC Tool

Crimping
- RJ11, RJ45

Crimping
- RG58, RG59, RG6

VAT111	A2178	A2813

- RG58, RG59, RG6
- Wire Cutter

- RJ45/BNC Tester

- Video and Audio Tester
- RG59/RJ45
- Extended Battery
- PTZ Control Function

Connectors

VAK096	VAK097	VAK098	K1001
- Power Male Socket - Terminal Block - 10 pcs/PACK	- Power Female Socket - Terminal Block - 10 pcs/PACK	- BNC Male - Terminal Block - 10 pcs/PACK	- BNC Crimp-on (2 pcs) - 10 pcs/PACK
K1009 - BNC Twist-on - 10 pcs/PACK	**K1113** - BNC Compression - 10 pcs/PACK	**K1064** - BNC Coupler - 5 pcs/PACK	**K1071** - BNC T Connector - 5 pcs/PACK
K1076 - BNC 3 Female - 5 pcs/PACK	**K1082** - BNC-M To RCA-F - 5 pcs/PACK	**K1083** - BNC-M To RCA-M - 5 pcs/PACK	**K1099** - BNC-F To RCA-M - 5 pcs/PACK

B110
▶ 11"Housing Bracket
▶ Wall Mount

B114 12"
▶ L Shape Housing Bracket
▶ Wall Mount

B326 13.5"

BVCHPD2509W
▶ Dome Camera Wall Mount
▶ 5.5" Bracket for HD-SDI Vandal Proof Dome

B204/B/W 4"
▶ 4" Aluminum Bracket
▶ Wall/Ceiling Mount
▶ Color: Silver/Black/White

B208 8"
▶ 8" Heavy Duty Bracket
▶ Wall Mount
▶ Color: Silver

BVIPPTZ210
▶ Hanging & Pendant
▶ Mount Bracket
▶ IP PTZ

B328
▶ 18" J Shape
▶ Housing Bracket
▶ Ceiling Mount

B522
▶ 9" Ceiling Mounting Bracket for PTZ Cameras

B440 40"

B418 18"
▶ Aluminum Bracket
▶ Wall/Ceiling Mount

H814

H814HF
▶ 14" Aluminium Case
▶ with Heater and Fan

BVIPD520
▶ Dome Camera Wall Mount Bracket for Network IP Vandal Proof Dome - **VIPD520W-P**

B509B/W
▶ Wall mount Bracket for IP **VIPD530W-P**

B505
▶ 6" PTZ Bracket
▶ Pole Mount

B521
▶ PTZ Bracket
▶ Corner Mount

M-LCD101B
▶ LCD Monitor Wall Mount / Double Arm 33 lbs Max Load / 180 ° Swivel / ±45 Tilt 75/100Mm Mounting Holes

IR Illuminators

VIR100
▶ 42 pcs F8 Infrared LED
▶ IR Up To 200ft
▶ Weather Proof IP66
▶ Cable Mgmt Bracket
▶ DC 12V

VIR101
▶ 48 pcs F8 Infrared LED
▶ IR Up To 600 sq ft
▶ Ceiling Mount
▶ DC 12V

VIR102
▶ 48 pcs F10 Infrared LED
▶ IR Up To 350ft / Alum Case
▶ Weather Proof IP66
▶ AC 24V/DC 12V
▶ Bracket Included

A2810 Receiver
▶ BNC Video Extender
▶ up to 3000ft

A2811 Transceiver

Wireless Accessory
A2400
▶ 2.4Ghz Wireless A/V/Alarm/
▶ Receiver and Transmitter KIT
▶ Power Adapter (Included)

A2807
▶ RS232 to RS485/ RS422 Converter

A2817
▶ BNC Video Surge Protector

A2206
▶ BNC Ground Loop Isolator

A2804 Converter
▶ BNC to S-VIDEO/ VGA
▶ DC 5V 1A (Included)

A2806 Converter
▶ VGA to RCA/S-Video
▶ DC 5V 1A (Not Included)

A2809 Converter
▶ VGA to HDMI Video Converter

A7001 BNC Baluns
▶ Video/Power BNC Balun with Data (PTZ)
▶ RJ45
▶ Per Pair

A7002 BNC Baluns
▶ BNC Balun
▶ Terminal Block
▶ Per Pair

A7111 BNC Baluns
▶ Video/Power
▶ BNC Balun with Data (PTZ)
▶ RJ45, Dual Voltage
▶ Per Pair

A2808 BNC Baluns
▶ 8 BNC to 2 RJ45

A2805 BNC Baluns
▶ 4 BNC to RJ45

A2816 Converter
▶ 4 Channel BNC
▶ Quad Multiplexer
▶ DC 12V 1A (Not Included)

Accessories

Cables & Accessories

RG-59 Siamese Cables: 20AWG +18/2 Power, 95% Copper Braided Cables

CAT5e: 1000ft 350MHz Network Cable
Transfer Rates: 10/100/1000Mbps

CB500B/W	CB500SB/SW	CB1000B/W	CB1000SB/SW	CB5E1KW/B/BL	CB5E1KWU
▶ 500ft	▶ 500ft	▶ 1000ft	▶ 1000ft	▶ 4PR UTP, 24AWG	▶ 4PR UTP, 24AWG
▶ Avail: Blk or Wht	▶ Avail: Blk or Wht	▶ Avail: Blk or Wht	▶ Avail: Blk or Wht	▶ Avail Color: ⬜⬛🟦⬜	▶ Avail in White

RG-59 Pre-Made Siamese Cables

CB60B/CAW	CB100B/W	CB100WR	CB200B/W	CB60BH
▶ 60ft Pre-Made	▶ 100ft Pre-Made	▶ 100ft Pre-Made	▶ 200ft Pre-Made	▶ 60ft Pre-Made Premium
▶ Avail: Blk or Wht	▶ Avail: Blk or Wht	▶ w/ RCA connector	▶ Avail: Blk or Wht	▶ RG-59 HD-SDI Cable
		▶ Avail in Wht		▶ Avail in Blk

VAC100	VAC101	VAC105	VAC106	VAC107	CB5E50W	CB5E100W
	Male Female					**Pre-Made CAT5e Cable**
▶ 8" Male Pigtail	▶ 8" Female Pigtail	▶ Power Cable	▶ Power Cable	▶ Power Cable	▶ 50ft	▶ 100ft
		▶ 1 to 2 Splitter	▶ 1 to 4 Splitter	▶ 1 to 8 Splitter	▶ Avail. in White	▶ Avail. in White

Premium Shielded S-VGA Extension Cable

Male to Male

Male to Female

HDMI Cables
High Speed Certified HDMI v1.4(HEC)

VAC701	VAC702
15ft	25ft

VAC703	VAC704
35ft	50ft

VAC705
75ft

VAC710	VAC711	VAC712
6ft	10ft	25ft

VAC713	VAC714	VAC715
35ft	50ft	75ft

VAC716
100ft

VAC341	VAC342	VAC343
3ft	6ft	10ft

VAC344	VAC345	VAC347
15ft	25ft	40ft

VAC346	VAC348	VAC349
30ft	50ft	65ft

Microphones

VAC202	VAC203	VAC201	A1000	A1001
▶ 3D Audio Capture Mic	▶ 3D Audio Capture Mic	▶ 12CH Mic/RCA	Warning Signs	Warning Signs
▶ Input DC 12V	▶ Input DC 12V	▶ Input DC 12V	▶ Sign 9" X 11"	▶ Sign 7" X 9"
▶ Built-in BNC(F)	▶ Built-in BNC(F)		▶ Plastic	▶ Plastic