

BlueEagle[®]

By Creative Minds Group
International LLC, USA



PRODUCT CATALOG



VIDEO SURVEILLANCE NVR



Product Introduction:

BE-VS 2000/3000/5000 Video Surveillance NVR Servers, it has open, large-capacity, high-speed transmission, compatibility, security and many other advantages. It will serve with large capacity disk array in one set, can be loaded on any platform software, storage, management, forwarding function.

BE-VS 3000 Series is a new bus architecture supports the original ecological Xeon quad-core E3-1200 processor department-level, single-socket servers; Using a faster transmission rate, the higher the bit width of the transmission bandwidth, Intel DMI technology; Uses DDR3 memory bit wide as well as the frequency and power of more optimized single chip; Support for Intel's next-generation microprocessor architecture I3-2100 CPU.

High performance and reliability of fully buffered memory, maximum support 32GB; 4, 8, 12, 16, 24 disk support 3.0Gb / s Serial ATA II and SAS hard drives, integrated RAID functionality, supports multiple RAID modes, including high reliability RAID5, and other array mode (only windows OS); Improve the performance and protection of data processing data. Integrated dual Gigabit Intel server NIC; 60GB SSD system boot drive, flexible cache configuration with Extended performance with high-speed internal transfer.

As a technology leader in the single quad-core enterprise-class level servers, apply to small and medium-scale network of small and medium enterprises as well as education, government, military, postal, railway, financial and industrial users.

Features:

- Xeon I3/ E3/E5 series quad-core technology: support for Hyper-Threading, third-generation super-line technology, up to eight threads quad-core;
- Support virtualization device I / O (VT-d);
- Kernel acceleration mode 2 (Turbo Mode) kernel running dynamic acceleration;
- Cache design: three full-contain-Cache design, the L1 design and Core micro architecture; L2 ultra-low latency design, each core 256KB; the L3 shared design, all cores share on-chip;
- Integrated Memory Controller (IMC): moved from the chipset to the CPU chip, multi-channel DDR3 memory, memory read latency significantly reduces the memory bandwidth is increased dramatically, up to three times.
- Demand configuration: according to the actual needs of the users, to provide the best configuration choice.
- High Availability: With the processor Hyper Threading technology to support multi-threaded multi-tasking mode.
- The processor integrated DDR3 memory controller, to provide a high-optional memory solutions;
- Support RAID 0, 1, 5, 10, 50 array mode to meet the requirements of the system on the hard security;
- Integrated Intel server-class dual 1000M network adapter supports link aggregation and binding redundant functions;
- State-of-the-art chassis design process, intelligent cooling system to reduce noise pollution, and create a cabinet thermostat space, fully shielded to prevent electromagnetic radiation, anti-interference, antistatic (EMI), design, suitable for a variety of application environments
- Advantage of the latest application program to improve safety management and service
- Take advantage of the flexibility of the design and flexible architecture to meet different customer needs.
- Open with security mode to improve the cost-effectiveness
- Flexible configuration and flexible architecture, the perfect combination of disk arrays and servers
- Arbitrary load a different driver / monitoring platform / operating system
- The most appropriate NVR hardware selection

VIDEO SURVEILLANCE NVR



Product Specification*:

| | | | |
|------------------------|--|--------------|-----------------|
| Model | BE -VS 2316 | BE -VS 3316 | BE -VS 5316 |
| CPU | I3 Dual Core | E3 Quad Core | E5600 Quad Core |
| Chipset | Intel Chipset Platform Controller Hub (PCH) | | |
| Intel®DMI | 2.5GT/s | 4.8GT/s | 5.86GT/s |
| Memory | 8G DDR3 ECC memory, upgradable up to 32GB | | |
| Memory error detection | Error correction unit to detect double-bit errors | | |
| NIC | 4 Intel 10/100/1000 Gigabit Ethernet interface, maximum support eight 1000Mb ports | | |
| Hard Drive | SATAII | | |
| Number of HDD | SATA x 16 | | |
| CD-ROM | CD-ROM | | |
| System boot disk | 60GB SSD | | |
| Hot-swap backplane | Support with the PM function, support hot -swappable backplane | | |
| Expansion Slots | 1xPCI-Ex16, 2xPCI-Ex8, 1xPCI | | |
| USB | 6xUSB 2.0 | | |
| Camera input | 32ch 720p | 64ch 720p | 90ch 720p |
| Display Interface | 1xVGA , 1xDVI , HDMI | | |
| Storage expansion | Optional support for external eSATA, SAS, FC disk array expansion cabinet | | |
| RAI D | Support Raid0, Raid1, Raid5, JBOD, Raid6 with 1 Spare | | |
| OS | Windows Linux | | |
| Dimensions | 3U, 19"standard rack 650X430X132MM | | |
| Power | Redundant power supply1+1 750W | | |
| Environment | Temperature: 0 ° C - 50 ° C Humidity: 10% - 85% | | |

VIDEO SURVEILLANCE NVR



Video Surveillance NVR BE-VS5424 Series:

Introduction

BE-VS5000 Series Video Surveillance NVR Servers, it has open, large-capacity, high-speed transmission, compatibility, security and many other advantages.

It will server with large capacity disk array in one set, can be loaded on any platform software, storage, management, forwarding function.

BE-VS5000 Series is a new bus architecture supports the original ecological Xeon quad-core E5-5600 processor department-level single-socket servers; Using a faster transmission rate, the higher the bit width of the transmission bandwidth, Intel DMI technology; Use DDR3 memory bit wide as well as the frequency and power of more optimized single chip; Support for Intel's next-generation microprocessor architecture E5-5600 CPU.

High performance and reliability of fully buffered memory, maximum support 32GB; 4, 8, 12, 16, 24 disk support 3.0Gb / s Serial ATA II and SAS hard drives, integrated RAID functionality, supports multiple RAID modes, including high reliability RAID5, and other array mode (only windows OS); Improve the performance and protection of data processing data.

Integrated dual Gigabit Intel server NIC; 60GB SSD system boot drive, flexible cache configuration with Extended performance with high-speed internal transfer.

As a technology leader in the single quad-core enterprise-class level servers, apply to small and medium-scale network of small and medium enterprises as well as education, government, military, postal, railway, financial and industrial users.

| | |
|------------------------|--|
| Model | BE-VS 5424 |
| CPU | E5600 4c ore |
| Chipset | Intel Chipset Platform Controller Hub (PCH) |
| Intel®DMI | 5.86GT/s |
| Memory | 8G DDR3 ECC memory, up to 32GB |
| Memory error detection | Error correction unit to detect double-bit errors |
| Network Interface | 4 Intel 10/100/1000 Gigabit Ethernet interface, maximum support eight 1000Mb ports |
| Hard Drive | SATAII |
| Number of hard drives | SATA x 24 |
| System boot disk | 60GB SSD |
| Hot-swap backplane | Support with the PM function, support hot swappable backplane |

| | |
|-------------------|---|
| Expansion Slots | 1xPCI-Ex16, 2xPCI-Ex8, 1xPCI |
| USB | 6xUSB2.0 |
| Video input | 90ch 720p |
| Display Interface | 1xVGA , 1xDVI , 1xHDMI |
| Storage expansion | Optional support for external eSATA, SAS, FC disk array expansion cabinet |
| RAI D | Support Raid0, Raid1, Raid5, JBOD, Raid6 with 1 Spare |
| OS | Windows Linux |
| Dimensions | 4U, 19" standard rack 650X430X176 MM |
| Power | redundant power supply 1+1 750W |
| Environment | Temperature: 0 ° C - 50 ° C Humidity: 10% - 85% |

VIDEO SURVEILLANCE NVR



Video Surveillance NVR BE-VS5424 Series

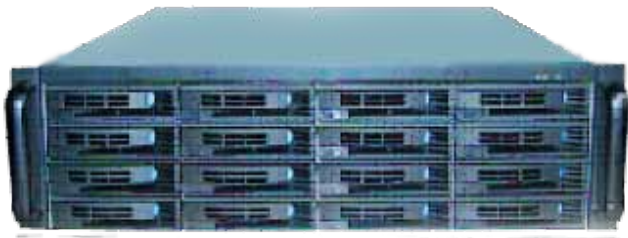
Feature:

- Xeon E5 series quad-core technology: support for Hyper-Threading, third-generation super-line technology, up to eight threads quad-core;
- Support virtualization device I / O (VT-d);
- Kernel acceleration mode 2 (Turbo Mode) kernel running dynamic acceleration;
- Cache design: three full-contain-Cache design, the L1 design and Core micro architecture; L2 ultra-low latency design, each core 256KB; the L3 shared design, all cores share on-chip;
- Integrated Memory Controller (IMC): moved from the chipset to the CPU chip, multi-channel DDR3 memory, memory read latency significantly reduce the memory bandwidth is increased dramatically, up to three times.
- Demand configuration: according to the actual needs of the users, to provide the best configuration choice.
- High Availability: With the processor Hyper Threading technology to support multi-threaded multi-tasking mode.
- The processor integrated DDR3 memory controller, to provide a high-optional memory solutions;
- Support RAID 0,1,5,10,50 array mode to meet the requirements of the system on the hard security;
- Integrated Intel server-class dual 1000M network adapter supports link aggregation and binding redundant functions;
- State-of-the-art chassis design process, intelligent cooling system to reduce noise pollution, and create a cabinet thermostat space, fully shielded to prevent electromagnetic radiation, anti-interference, antistatic (EMI), design, suitable for a variety of application environments
- Advantage of the latest application program to improve safety management and service
- Take advantage of the flexibility of the design and flexible architecture to meet different customer needs.
- Open with security mode to improve the cost-effectiveness
- Flexible configuration and flexible architecture, the perfect combination of disk arrays and servers
- Arbitrary load a different driver / monitoring platform / operating system
- The most appropriate NVR hardware selection

| | |
|------------------------|--|
| Model | BE-VS 5424 |
| CPU | E5600 4c ore |
| Chipset | Intel Chipset Platform Controller Hub (PCH) |
| Intel@DMI | 5.86GT/s |
| Memory | 8G DDR3 ECC memory, up to 32GB |
| Memory error detection | Error correction unit to detect double-bit errors |
| Network Interface | 4 Intel 10/100/1000 Gigabit Ethernet interface, maximum support eight 1000Mb ports |
| Hard Drive | SATAII |
| Number of hard drives | SATA x 24 |
| System boot disk | 60GB SSD |
| Hot-swap backplane | Support with the PM function, support hot swappable backplane |

| | |
|-------------------|---|
| Expansion Slots | 1xPCI-Ex16, 2xPCI-Ex8, 1xPCI |
| USB | 6xUSB2.0 |
| Video input | 90ch 720p |
| Display Interface | 1xVGA , 1xDVI , 1xHDMI |
| Storage expansion | Optional support for external eSATA, SAS, FC disk array expansion cabinet |
| RAI D | Support Raid0, Raid1, Raid5, JBOD, Raid6 with 1 Spare |
| OS | Windows Linux |
| Dimensions | 4U,19"standard rack 650X430X176 MM |
| Power | redundant power supply1+1 750W |
| Environment | Temperature: 0 ° C - 50 ° C Humidity: 10% - 85% |

VIDEO SURVEILLANCE NVR Expansion Unit



16-Bay High-Performance SAS Storage Cabinet BE-EX016SAS

Introduction

- High-performance disk array cabinet
- 16X3.5" hot-swappable SAS/SATA Hard Drives
- The largest single block of hard drives over 2TB/3TB
- 2 Ports Mini-SAS(SFF-8088), 2X12Gb/s
- Array of high-performance PCI-E 4x card
- Support RAID0/1/10/5/JBOD □Optional RAID 6□

Features

- 16 hot-swappable 3.5" drive trays
- Support SAS/SATA2.0 specification
- Support RAID0/1/10/5/JBOD
- Large capacity, Support more than 48TB of capacity
- Support Hot-Swap & Plug-n-Play
- Independent storage system,
- 2 Ports External Mini-SAS (SFF-8088)
- Good system thermal design, with real-time monitoring of temperature, fan speed liquid crystal display, an alarm;
- Redundant power supply

BE-EX016SAS Specifications:

Hard disk slot :16
Host : 2
Internal interface : SAS/SATA
External Interface :Mini-SAS , SFF-8088
Transmission rate :2X12Gb/s
Hot-Swap :Yes
O S :Windows/Mac/linux
Cooling fan :3X 9225# Fan
Power :RPS 2X 750W
Dimensions :430mm(W)×132mm(H) ×650mm(L)
Weight :19kg(without hard disk)
Temperature :-35°C ~75°C
Humidity :5% to 90%
Monitoring :Fan speed, temperature detection, alarm

Applications

- **Security Monitoring**
- **Streaming media editing**
- **Large database query**
- **Video on Demand**
- **Digital voice and video**
- **Non-linear editing**

Enclosed :

- 2 Mini SAS cables
- PCI-e 4x card
- Installation CD
- Manual
- Power cord

AQUILA SERIES

Outdoor Vandal Proof WDR Bullet Camera with IR BE-B233VWIP

Introduction

2.0 Megapixel CMOS Sensor,AutoICR,H.264
Full Real-time/30FPS 1080P,POE, Audio,
WDR (max 120dB)
Dark grey Elegant Design IR Waterproof Camera,
With 3-Axis Bracket
IP66 Waterproof Standard,
IR LED:5X42PCS IR LED,IR Distance:45Meter
2.8~12mm manual Varifocal Lens Optional
H.264 video encoding ,Dual Stream Output, Low lux
ONVIF

Feature:

- 1/3" Progressive Scan CMOS
- Up to 2.0MP resolution, real-time image,
- Low illumination,0.1Lux @ (F1.2,AGC ON),0 LUX with IR
- H.264 main profile compression
- IR-CUT filter switch to achieve day and night monitoring
- Motion detection and sending mail alert automatically
- Smart mobile and network Surveillance
- Network user management,
- Compatible with ONVIF standard
- Real-time remote monitoring, playback and downloading;



1080P (2.0M)

IP66
Onvif
WDR

| Camera | |
|----------------------|--|
| Image Sensor | 1/3" Progressive Scan CMOS |
| Signal System | PAL/NTSC |
| Effective Resolution | 1920x1080 |
| Min. Illumination | Color:0.1Lux @ (F1.2,AGC ON),0 LUX with IR |
| Electronic Shutter | 1/50(1/60)s- 1/100,000 s |
| Lens | 2.8-12mm lens |
| Day&Night | Support IRCUT |
| IR Distance | 5X42PCS IR LED,IR Distance:45Meter |
| Synchronization way | Internal synchronization |
| Video Output | 1Vp-p Composite Output(75Ω/BNC) |
| S/N Ratio | > 52 |

AQUILA SERIES

Outdoor Vandal Proof WDR Bullet Camera with IR BE-B233VWIP

Specification:

| | |
|-------------------------|--|
| Model | BE-B233VWIP |
| Camera | |
| Image Sensor | 1/3" Progressive Scan CMOS |
| Signal System | PAL/NTSC |
| Effective Resolution | 1920×1080 |
| Min. Illumination | Color:0.1Lux @ (F1.2,AGC ON),0 LUX with IR |
| Electronic Shutter | 1/50(1/60)s- 1/100,000 s |
| Lens | 2.8-12mm lens |
| Day&Night | Support IRCUT |
| IR Distance | 5X42PCS IR LED,IR Distance:45Meter |
| Synchronization way | Internal synchronization |
| Video Output | 1Vp-p Composite Output(75Ω/BNC) |
| S/N Ratio | > 52 |
| Compression | |
| Video Compression | H.264 Main Profile, JPEG Capture |
| Video Bite Rate | 32 Kbps~8Mbps |
| Image | |
| Max. Resolution | 1920*1080 |
| Frame Rate | 50Hz:25fps (1920*1080) |
| | 60Hz:30fps (1920*1080) |
| Network Function | |
| Storage | Support network storage |
| Intelligent Alarm | Motion detection, Video loss, Network disconnection, IP address conflict |
| Protocols | TCP/IP, HTTP, DHCP, DNS, DDNS, PPPoE, SMTP, NTP |
| | (HTTPS, SIP, 802.1x, IPv6 Optional) |
| Basic | Anti-flicker, Dual stream, Heartbeat, Password protection |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M selfadaptive Ethernet interface |
| Video Output | 1Vp-p Composite Output(75Ω/BNC) |
| General | |
| Operating Condition | -10 ~60 ,Humidity 90% or less(non condensing) |
| Power Supply | DC12V±10% |



AQUILA SERIES

Indoor Vandal Proof WDR Dome Camera with IR BE-H231VWIP

Introduction

2.0 Megapixel CMOS Sensor, AutoICR,H.264 Full Real-time 30FPS 1080P,POE,Audio,WDR, IP66 Standard Vandal proof IR Dome Camera, IR LED: 5X30PCS IR LED, IR Distance:30Meter 2.8~12mm manual Varifocal AutoIRIS Lens, H.264 video encoding, Dual Stream Output, ONVIF, Low lux

Feature:

- 1/3" Progressive Scan CMOS
- Up to 2.0MP resolution, real-time image,
- Low illumination,0.1Lux @ (F1.2,AGC ON),0 LUX with IR
- H.264 main profile compression
- IR-CUT filter switch to achieve day and night monitoring
- motion detection and sending mail alert automatically
- smart mobile and network Surveillance
- network user management,
- Compatible with ONVIF standard
- real-time remote monitoring, playback and downloading;

1080P (2.0M)



IP66
Onvif
WDR

| Camera | |
|----------------------|--|
| Image Sensor | 1/3" Progressive Scan CMOS |
| Signal System | PAL/NTSC |
| Effective Resolution | 1920x1080 |
| Min. Illumination | Color:0.1Lux @ (F1.2,AGC ON),0 LUX with IR |
| Electronic Shutter | 1/50(1/60)s - 1/100,000 s |
| Lens | 2.8-12mm AutoIRIS Lens |
| Day&Night | Support IR-CUT |
| IR Distance | 30PCS IR LED, 30Meter IR Distance |
| Synchronization way | Internal synchronization |
| Video Output | 1Vp-p Composite Output(75Ω/BNC) |
| S/N Ratio | > 52dB |

AQUILA SERIES

Indoor Vandal Proof WDR Dome Camera with IR BE-H231VWIP

1080P (2.0M)

Specification:



| | |
|-------------------------|--|
| Model | BE-H231VWIP |
| Camera | |
| Image Sensor | 1/3" Progressive Scan CMOS |
| Signal System | PAL/NTSC |
| Effective Resolution | 1920×1080 |
| Min. Illumination | Color:0.1Lux @ (F1.2,AGC ON),0 LUX with IR |
| Electronic Shutter | 1/50(1/60)s- 1/100,000 s |
| Lens | 2.8-12mm AutoIRIS Lens |
| Day&Night | Support IRCUT |
| IR Distance | 30PCS IR LED, 30Meter IR Distance |
| Synchronization way | Internal synchronization |
| Video Output | 1Vp-p Composite Output(75Ω/BNC) |
| S/N Ratio | > 52dB |
| Compression | |
| Video Compression | H.264 MainProfile, JPEG Capture |
| Video Bite Rate | 32 Kbps~8Mbps |
| Image | |
| Max. Resolution | 1920*1080 |
| Frame Rate | 50Hz:25fps (1920*1080) |
| | 60Hz:30fps (1920*1080) |
| NetworkFunction | |
| Storage | Support network storage |
| Intelligent Alarm | Motion detect,Video loss,Network disconnection,IP address conflict |
| Protocols | TCP/IP,HTTP,DHCP,DNS,DDNS, PPPoE,SMTP,NTP (HTTPS,SIP ,802.1x,IPv6 Optional) |
| Basic | Anti-flicker,Dual stream ,Heartbeat,Password protection |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M selfadaptive Ethernet interface |
| Video Output | 1Vp-p Composite Output(75Ω/BNC) |
| General | |
| Operating Condition | -10 ~60 ,Humidity 90% or less(non condensing) |
| Power Supply | DC12V±10% |

PETA SERIES

Outdoor Vandal Proof IR Bullet Camera BE-B1330IP

1.3 MP

Introduction

1.3 Megapixel CMOS Sensor, ICR, H.264, 25FPS
960P, POE, Audio,
Elegant Design IR Waterproof Camera,
With 3-Axis Bracket, IP66 Waterproof Standard,
IR LED: 5X42PCS IR LED,
IR Distance: 45Meter
2.8~12mm manual varifocal Lens,
H.264 video encoding, Dual Stream Output,
ONVIF, ICR, Low lux



Feature

- 1/3" Progressive Scan CMOS
- Up to 1.3MP resolution, real-time image
- Low illumination, 0.1Lux @ (F1.2, AGC ON), 0 LUX with IR
- H.264 main profile compression
- IR-CUT filter switch to achieve day and night monitoring
- Motion detection and sending mail alert automatically
- Smart mobile and network Surveillance
- Network user management
- Compatible with ONVIF standard
- Real-time remote monitoring, playback and downloading;

IP66
Onvif

| Camera | |
|----------------------|---|
| Image Sensor | 1/3" Progressive Scan CMOS |
| Signal System | PAL/NTSC |
| Effective Resolution | 1280x960 |
| Min. Illumination | Color: 0.1Lux @ (F1.2, AGC ON), 0 LUX with IR |
| Electronic Shutter | 1/50(1/60)s- 1/100,000 s |
| Lens | 2.8-12mm |
| Day&Night | IR-CUT |
| IR Distance | 5X42 PCS IR LED, IR Distance: 45Meter |
| Synchronization way | Internal synchronization |
| Video Output | 1Vp-p Composite Output(75Ω/BNC) |
| S/N Ratio | > 52dB |

PETA SERIES

Outdoor Vandal Proof IR Bullet Camera BE-B1330IP

1.3 MP

Specification:



IP66
Onvif

| | |
|-------------------------|---|
| Model | BE-B1330IP |
| Camera | |
| Image Sensor | 1/3" Progressive Scan CMOS |
| Signal System | PAL/NTSC |
| Effective Resolution | 1280×960 |
| Min. Illumination | Color:0.1Lux @ (F1.2,AGC ON),0 LUX with IR |
| Electronic Shutter | 1/50(1/60)s- 1/100,000 s |
| Lens | 2.8-12mm |
| Day&Night | IR-CUT |
| IR Distance | 5X42 PCS IR LED,IR Distance: 45Meter |
| Synchronization way | Internal synchronization |
| Video Output | 1Vp-p CompositeOutput(75Ω/BNC) |
| S/N Ratio | > 52dB |
| Compression | |
| Video Compression | H.264 MainProfile, JPEG Capture |
| Video Bite Rate | 32 Kbps~8Mbps |
| Image | |
| Max. Resolution | 1280*960 |
| Frame Rate | 50Hz:25fps (1280*960) |
| | 60Hz:30fps (1280*960) |
| Network Function | |
| Storage | Support network storage |
| Intelligent Alarm | Motion detecton, Videoloss, Network disconnection,IP address conflict |
| Protocols | TCP/IP,HTTP,DHCP,DNS,DDNS, PPPoE,SMTP,NTP |
| | (HTTPS,SIP ,802.1x,IPv6 Optional) |
| Basic | Anti-flicker,Dual stream,Heartbeat,Password protection |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M selfadaptive Ethernet interface |
| Video Output | 1Vp-p Composite Output(75Ω/BNC) |
| General | |
| Operating Condition | -10 ~60 ,Humidity 90% or less(non condensing) |
| Power Supply | DC12V±10% |

PETA SERIES

Indoor Vandal Proof IR Dome Camera BE-H1330IP

1.3 MP

Introduction

1.3 Megapixel CMOS Sensor, ICR, H.264, 25FPS 960P, POE, Audio, IP66 Vandal proof IR Dome Camera 5X30PCS IR LED, IR Distance: 30Meter 2.8~12mm manual varifocal Lens, H.264 video encoding, Dual Stream Output, ONVIF, ICR, Low lux



Feature

- 1/3" Progressive Scan CMOS
- Up to 1.3MP resolution, real-time image
- Low illumination, 0.1Lux @ (F1.2, AGC ON), 0 LUX with IR
- H.264 main profile compression
- IR-CUT filter switch to achieve day and night monitoring
- Motion detection and sending mail alert automatically
- Smart mobile and network Surveillance
- Network user management
- Compatible with ONVIF standard
- Real-time remote monitoring, playback and downloading;

IP66
Onvif

| Camera | |
|----------------------|---|
| Image Sensor | 1/3" Progressive Scan CMOS |
| Signal System | PAL/NTSC |
| Effective Resolution | 1280x960 |
| Min. Illumination | Color: 0.1Lux @ (F1.2, AGC ON), 0 LUX with IR |
| Electronic Shutter | 1/50(1/60)s- 1/100,000 s |
| Lens | 2.8-12mm |
| Day&Night | IR-CUT |
| IR Distance | 5X30PCS IR LED, IR Distance: 30Meter |
| Synchronization way | Internal synchronization |
| Video Output | 1Vp-p Composite Output(75Ω/BNC) |
| S/N Ratio | > 52dB |

PETA SERIES

Indoor Vandal Proof IR Dome Camera BE-H1330IP

Specification:

| | |
|-------------------------|--|
| Model | BE-H1330IP |
| Camera | |
| Image Sensor | 1/3" Progressive Scan CMOS |
| Signal System | PAL/NTSC |
| Effective Resolution | 1280×960 |
| Min. Illumination | Color:0.1Lux @ (F1.2,AGC ON),0 LUX with IR |
| Electronic Shutter | 1/50(1/60)s- 1/100,000 s |
| Lens | 2.8-12mm |
| Day&Night | IR-CUT |
| IR Distance | 5X30PCS IR LED,IR Distance:30Meter |
| Synchronization way | Internal synchronization |
| Video Output | 1Vp-p Composite Output(75Ω/BNC) |
| S/N Ratio | > 52dB |
| Compression | |
| Video Compression | H.264 MainProfile, JPEG Capture |
| Video Bite Rate | 32 Kbps~8Mbps |
| Image | |
| Max. Resolution | 1280*960 |
| Frame Rate | 50Hz:25fps (1280*960) |
| | 60Hz:30fps (1280*960) |
| Network Function | |
| Storage | Support network storage |
| Intelligent Alarm | Motion detecton, Video loss, Network disconnection,IP address conflict |
| Protocols | TCP/IP,HTTP,DHCP,DNS,DDNS, PPPoE,SMTP,NTP (HTTPS,SIP ,802.1x,IPv6 Optional) |
| Basic | Anti-flicker,Dual stream,Heartbeat,Password protection |
| Interface | |
| CommunicationInterface | 1 RJ45 10M/100M selfadaptive Ethernet interface |
| Video Output | 1Vp-p Composite Output(75Ω/BNC) |
| General | |
| Operating Condition | -10, ~60 ,Humidity 90% or less(non condensing) |
| Power Supply | DC12V±10% |

1.3 MP



IP66
Onvif

PETA SERIES



| Model Name | BE-BH2402SIP | BE-BH2503MIP |
|----------------------------|---|---|
| Hardware Parameter | | |
| Megapixel | 2.0MP | 2.0MP |
| Max. Video Resolution | 1920*1080 | 1920*1080 |
| Illumination | Color: 0.1Lux; B/W 0.001Lux, 0lux(IR LEDs on) | Color: 0.1Lux; B/W 0.001Lux |
| S/N Ratio | >50dB-100dB | >50dB-100dB |
| WDR | Digital WDR | Digital WDR |
| 3DNR | Support | Support |
| AGC | Support | Support |
| AWB | Support | Support |
| Shutter Time | 1/25—1/8000s | 1/25—1/8000s |
| IRIS | Fixed | Fixed |
| IR-Cut | Built-in | - |
| IR Parameters | IR 20M 30pcs LED | - |
| Lens | 4mm | 2.8mm/3.6mm |
| Network Parameter | | |
| Video Compression | H.264 Main Profile4.0 & Baseline | H.264 Main Profile4.0 & Baseline |
| Dual Stream | Support | Support |
| Video Definition | Main stream: 1920*1080, 1280*720 Sub stream:640*480,320*240,160*120 | Main stream: 1920*1080, 1280*720 Sub stream:640*480,320*240,160*120 |
| Video Frame Rate | up to 30fps | up to 30fps |
| Video Bitrate | 32Kbps~16Mbps | 32Kbps~16Mbps |
| Audio Compression | G.726,G.711 | G.726,G.711 |
| Title OSD | Supports channel name, date, and video stream information overlay; OSD location is adjustable | Supports channel name, date, and video stream information overlay; OSD location is adjustable |
| Motion Detection | Support | Support |
| E-mail Alarm | Support | Support |
| Protocol | HTTP, HTTPS, TCP/IP, RTSP, RTP, UDP, RTCP, SMTP, FTP, DHCP, DNS, DDNS, PPOE, IIPNP, NTP | HTTP, HTTPS, TCP/IP, RTSP, RTP, UDP, RTCP, SMTP, FTP, DHCP, DNS, DDNS, PPOE, IIPNP, NTP |
| ONVIF | ONVIF 2.2 | ONVIF 2.2 |
| MAX. Users | Up to Simultaneous 3 Users | Up to Simultaneous 3 Users |
| POE | POE | POE |
| Interface Parameter | | |
| MIC | built in | SD card,support video storage and image snapping; SD2.0 standard. maximum storage 64G |
| Ethernet Port | 1-Realtek 10/100M adaptive,RJ45 port | 1-Realtek 10/100M adaptive,RJ45 port |
| Control Interface | 1-RS485 interface | 1-RS485 interface |
| General Parameter | | |
| Housing | Plastic, White Color | Metal, White Color |
| Operating Temperature | -10°C ~ +55 °C | -10°C ~ +55 °C |
| Operating Humidity | 10 ~ 85% | 10 ~ 85% |
| Power Supply | DC12V/3.0A | DC12V/3.0A |
| Power Consumption | <5W | <3W |
| Dimension | φ129mm * 105mm | φ107mm * 53.4mm |
| Net Weight | 1.5kg | 0.5kg |

ANALOG SERIES

BEDV2812IR Vandalproof IR Dome Camera

Product Features

- Color 1/3" SONY 700TVL,
- Low Illumination,
- Real WDR, OSD, 3D NR, UTC Effio. P
- Vandalproof IR Dome Camera
- IR LED: 5X36PCS IR range: 30M
- 2.8-12mm Manual Zoom Lens
- (2M Pixels)
- Size: 131 x 93(H) mm
- Weight: 800g



| Color | Voltage | Weight |
|------------|---------|----------|
| White/Gray | DC12v | KG 0.800 |

BEDF36IR Vandalproof IR Dome Camera

Product Features

- Color 1/3" SONY
- 700TVL, Low Illumination,
- DWDR, OSD, DNR, UTC Effio.E
- Vandalproof IR Dome Camera
- IR LED: 5X24PCS IR range: 20M
- Board Lens 3.6mm/F2.0
- Size: 94 x 69(H) mm
- Weight: 400g



| Color | Voltage | Weight |
|-------|---------|----------|
| Gray | DC12v | KG 0.400 |

BEDF36DN Vandalproof Day/Night Dome

Product Features

- Color 1/3" SONY
- 700TVL, Low Illumination
- DWDR, OSD, DNR, Effio.E
- 3-Axis Vandalproof Dome Camera
- Board Lens 3.6mm/F2.0
- Size: 92 x 60(H) mm
- Weight: 500g



| Color | Voltage | Weight |
|-------|---------|--------|
| White | DC12v | KG 0.5 |

ANALOG SERIES

BEBV2812IRF Weatherproof IR Camera

Product Features

- Color 1/3" SONY 700TVL, Low Illumination,ATR, OSD,
- DNR ICX673AK+Effio-e
- Weatherproof IR camera with 3-Axis Bracket
- IR LED: 5X42PCS
- IR range: 40M
- Water resistance: IP66 Cable built-in bracket
- 2.8-12mm Manual Zoom Lens (2M Pixels)
- Dimension:228(W)x97(H)x82(D)mm
- Weight:1.4Kg



| Color | Voltage | Weight |
|-------|---------|----------|
| Gray | DC12v | KG 1.400 |

BEBF36IR Weatherproof IR Camera

Product Features

- Color 1/3" SONY 600TVL, Low Illumination,
- DWDR, OSD, DNR ICX639BK+NVP2040
- Weatherproof IR camera with 3-Axis Bracket
- IR LED:5X24PCS
- IR range: 20M
- Water resistance: IP66 Cable built-in bracket
- Lens: Board Lens 3.6mm/F2.0
- Dimension:175(W) x69(H) x55(D)mm
- Weight:830g



| Color | Voltage | Weight |
|-------|---------|----------|
| Gray | DC12v | KG 0.830 |

BEBF36IRB Weatherproof IR Camera

Product Features

- Color 1/3" SONY 700TVL, Low Illumination,
- DWDR, OSD, DNR ICX639BK+NVP2040
- Weatherproof IR camera with 3-Axis Bracket
- IR LED: 5X24PCS
- IR range: 20M
- Water resistance: IP66 Cable built-in bracket
- Lens: Board Lens 3.6mm/F2.0
- Dimension:86(W) x60(H) x55(D)mm
- Weight:400g



| Color | Voltage | Weight |
|-------|---------|----------|
| White | DC12v | KG 0.400 |

ANALOG SERIES

BEBV2812IRF Weatherproof IR Camera

Product Features

- Color 1/3" SONY 700TVL, Low Illumination,ATR, OSD,
- DNR ICX673AK+Effio-e
- Weatherproof IR camera with 3-Axis Bracket
- IR LED: 5X42PCS
- IR range: 40M
- Water resistance: IP66 Cable built-in bracket
- 2.8-12mm Manual Zoom Lens (2M Pixels)
- Dimension:228(W)x97(H)x82(D)mm
- Weight:1.4Kg



| Color | Voltage | Weight |
|-------|---------|----------|
| Gray | DC12v | KG 1.400 |

BEBF36IR Weatherproof IR Camera

Product Features

- Color 1/3" SONY 600TVL, Low Illumination,
- DWDR, OSD, DNR ICX639BK+NVP2040
- Weatherproof IR camera with 3-Axis Bracket
- IR LED:5X24PCS
- IR range: 20M
- Water resistance: IP66 Cable built-in bracket
- Lens: Board Lens 3.6mm/F2.0
- Dimension:175(W) x69(H) x55(D)mm
- Weight:830g



| Color | Voltage | Weight |
|-------|---------|----------|
| Gray | DC12v | KG 0.830 |

BEBF36IRB Weatherproof IR Camera

Product Features

- Color 1/3" SONY 600TVL, Low Illumination,
- DWDR, OSD, DNR ICX639BK+NVP2040
- Weatherproof IR camera with 3-Axis Bracket
- IR LED: 5X24PCS
- IR range: 20M
- Water resistance: IP66 Cable built-in bracket
- Lens: Board Lens 3.6mm/F2.0
- Dimension:86(W) x60(H) x55(D)mm
- Weight:400g



| Color | Voltage | Weight |
|-------|---------|----------|
| White | DC12v | KG 0.400 |

ANALOG SERIES

BEBFSHQ Weatherproof IR Camera

Product Features

- PAL 1/3 SHARP 23412090960H 700TVL Low Illu
- Board Lens 3.6mm
- Color: dark grey
- IR LED: 5X24PCS
- IR range: 20M Board
- Water resistance: IP66
- 3-Axis cable built-in bracket
- Size: 185(W) x 115(H) x 85(D)mm
- Weight: 500g



| Color | Voltage | Weight |
|-------|---------|----------|
| Gray | DC12v | KG 0.500 |

BEBFMQ Weatherproof IR Camera

Product Features

- PAL 1/3 CMOSDIS 800TVL 960H With IR- CUT UTC
- Board Lens 3.6mm
- Color: dark grey
- IR LED: 5X24PCS
- IR range: 20M
- Water resistance: IP66
- 3-Axis cable built0in bracket
- Size: 208(W) x 66(H) x 65(D)mm
- Weight: 500g



| Color | Voltage | Weight |
|-------|---------|----------|
| Gray | DC12v | KG 0.500 |

BEBVWDRQ Weatherproof IR Camera

Product Features

- PAL 1/3 SONYEffio-V663 960H 720TVL Low Illu DEFOG
- Real WDR IR LED: 5X42PCS
- IR range: 40M
- 2.8-12mm Manual Zoom Lens (2M Pixels)
- Water resistance: IP66
- 3-Axis cable built-in bracket
- Size: 242(W) x 84(H) x 86(D)mm
- Weight: 1.6KG



| Color | Voltage | Weight |
|-------|---------|----------|
| Gray | DC12v | KG 1.600 |

ANALOG SERIES

BEDVWDRQ Vandalproof Dome IR Camera

Product Features

- PAL 1/3 SONYEffio-V663 960H 720TVL
- Low Illu DEFOG Real WDR OSD 3.Axis
- Vandalproof & Waterproof Dome Camera
- Water resistance: IP66
- IR LED: 5X21PCS
- IR range: 20M
- 2.8-12mm Manual Zoom Lens (2M Pixels)
- Size: 148x111(H)mm
- Weight: 1.2KG



| Color | Voltage | Weight |
|-------|---------|----------|
| White | DC12v | KG 1.200 |

BEDFSHQIR IR Dome Camera

Product Features

- PAL 1/3 SHARP 23412090960H 700TVL
- Low Illu 2.8-12mm Manual Zoom Lens
- Matted black 3.Axis Plastic Dome Camera
- IR LED: 5X21PCS
- IR range: 20M
- 2.8-12mm Manual Zoom Lens(2M Pixels)
- Size: 135 x 100(H) mm
- Weight: 650g



| Color | Voltage | Weight |
|-------|---------|----------|
| Black | DC12v | KG 0.650 |

BEDFSHQDN Day Night Dome Camera

Product Features

- PAL 1/3 SHARP 23412090960H 700TVL Low Illu
- Board Lens 3.6mm
- semi-white Plastic Dome Camera
- Size: 108 x 60(H) mm
- Weight: 300g



| Color | Voltage | Weight |
|-------|---------|----------|
| White | DC12v | KG 0.300 |

ANALOG SERIES

BEBF36IRB Weatherproof IR Camera

Product Features

- 1/3" SONY CCD, 960H, 700TVL, Low Illumination,
- Real WDR, OSD, 3D NR, UTC Effio,P
- IR LED: 5X24PCS
- IR range: 20M
- Water resistance: IP66 Cable built-in bracket
- Lens: Board Lens 3.6mm/F2.0
- Dimension: 110(W) x 45(H) x 55(D)mm
- Weight:400g



| Color | Voltage | Weight |
|-------|---------|----------|
| White | DC12v | KG 0.400 |

BEBV7IR Weatherproof IR Camera

Product Features

- 1/3" SONY CCD, 960H, 700TVL, Low Illumination,
- DWDR, OSD, DNR, UTC
- IR LED: 5X42PCS IR range: 40M
- 2.8-12mm Manual Zoom Lens (2M Pixels)
- Water resistance: IP66
- 3-Axis cable built-in bracket
- Size: 220(W) x 80(H) x 80(D)mm
- Weight: 1.4KG



| Color | Voltage | Weight |
|-------|---------|----------|
| Gray | DC12v | KG 1.400 |

BEBV1310K Weatherproof IR Camera

Product Features

- PAL 1/3 SONY 1.3MP Sensor 720P 1000TVL
- Low Illu IR-CUT 3D NR
- IR LED: 5X42PCS
- IR range: 40M
- 2.8-12mm Manual Zoom Lens (2M Pixels)
- Water resistance: IP66
- 3-Axis cable built-in bracket
- Size: 291(W) x 90(H) x 93(D)mm
- Weight: 1.6KG



| Color | Voltage | Weight |
|-------|---------|----------|
| Gray | DC12v | KG 1.600 |

HD-SDI SERIES

BED45SDI - Indoor HD-SDI Dome Camera

Product Features

- HD-SDI(1080P@25fps/30fps);
- 1/3" Sony 2.1Megapixel CMOS Sensor;
- DNR(Digital Noise Reduction)
- Cable Through Bracket
- ACCE(Adaptive Color & Contrast Enhancement)
- 3 - Axis Vandal proof Dome Camera
- 2.8 - 12mm Manual Zoom Lens
- (3M Pixels)
- Size: 142 x 100(H) mm
- Weight: 1.0kg



| Color | Voltage | Weight |
|-------|---------|--------|
| White | DC12v | KG 1.0 |

BEDCKSDI Indoor HD-SDI Box Camera

Product Features

- HD-SDI (1080P@25fps/30fps);
- 1/3" SONY CCD
- 2.1Megapixel CMOS Sensor;
- WDR/BLC/HLC/D-ZOOM
- DNR (Digital Noise Reduction)
- ACCE (Adaptive Color & Contrast Enhancement)
- Iris control: DC / VIDEO
- With RS485
- Size: 110(W) x 45(H) x 55(D)mm
- Weight: 400g



| Color | Voltage | Weight |
|-------|---------|----------|
| Gray | DC12v | KG 0.400 |

BED90SDI - Outdoor HD-SDI Camera

Product Features

- HD SDI(1080P@25fps/30fps);
- 1/3" Sony 2.1Megapixel CMOS Sensor;
- DNR(Digital Noise Reduction)
- Cable Through Bracket
- ACCE(Adaptive Color & Contrast Enhancement)
- IR LED: 5X72PCS IR range: 60M
- 2.8 12mm Manual Zoom Lens
- Water resistance: IP66
- 3-Axis cable built-in bracket
- Size: 315(W) x 125(H) x 120(D)mm
- Weight: 2.0Kg



| Color | Voltage | Weight |
|-------|---------|--------|
| Gray | DC12v | KG 2.0 |

DIGITAL VIDEO RECORDERS

BEDVR304 4 Channel HD SDI - Digital Video Recorder



Product Features

- 4CH SDI
- 1080P*4CH, RS422, PTZ, Alarm, Network
- 2 SATA HD, HDMI, VGA, USB Backup

Specification :

- Video Input/Output: BNC 4CH In / 1CH Out, VGA 1CH Out, HDMI 1CH Out
- Audio Input/Output: RCA 4CH In/ 1CH Out
- Alarm Input/Output: Alarm 4CH In/ 1CH Out
- Compression Method: H.264
- Real time recording support:
 - 1920x1080 with 120 Fps (NTSC); 1920x1080 with 100 Fps (PAL)
- Preview resolution: 1920x1080(NTSC), 1920x1080 (PAL);
- Playback resolution: 4x1080P
- Hexaplex operation simultaneously: Preview, recording, playback, and network live, backup, playback
- 1 RJ 45 Ethernet connector, Static, Dynamic IP and DDNS, Support Internet Explorer and special client software
- Remote Control, PTZ, RS422, 2xUSB, 1xIR Controller
- 2 SATA Hard Disk interface
- Backup: USB2.0 and Network
- Support remote view by Mobilephone
- Dimensions (LxWxH): 405mmx330mmx65mm,
- weight:10kg

DIGITAL VIDEO RECORDERS

BE-9204H 4 Channel Digital Video Recorder - Professional Series



Product Features

- Video Input/Output: BNC 4CH In/1CH BNC Out/ 1CH VGA Out
- Audio Input/Output: RCA 4CH In/ 1CH Out
- Alarm Input/Output: Alarm 4CH In/ 1CH Out
- Compression Method: H.264
- Real time recording support:
- CIF:352×240 with 120 Fps (NTSC); 352×288 with 100Fps (PAL)
- D1:720×480 with 120 Fps (NTSC); 704×576 with 100 Fps (PAL)
- Preview resolution: 720 x 480 (NTSC), 704 x 576 (PAL) ; Playback resolution: D1 x 4
- Hexaplex operation simultaneously:Preview, recording, playback, and network live, backup, playback
- 1 RJ-45 Ethernet connector, Static, Dynamic IP and DDNS , Support Internet Explorer and special client software
- Remote Control, PTZ, RS485 x 1, 2 x USB , 1 x IR Controller
- 2 SATA Hard Disk interface
- Backup: USB2.0 and Network D1*4CH, RS485, PTZ, Alarm, Network
- Support remote view by Mobilephone VGA, USB Backup, USB Mouse
- Dimensions:(L×W×H) 382mm×258mm×60mm,
- Weight: 3.5kg

DIGITAL VIDEO RECORDERS

BE-9608K 8 Channel Digital Video Recorder - Professional Series



Product Features

- Video Input/Output: BNC 8CH In / 2CH Out, VGA 1CH Out, HDMI 1CH Out
- Audio Input/Output: RCA 8CH In/ 1CH Out
- Alarm Input/Output: Alarm 8CH In/ 2CH Out
- Compression Method: H.264
- Real time recording support:
 - CIF: 352x240 with 240 Fps (NTSC); 352x288 with 200 Fps (PAL)
 - D1: 720x480 with 240 Fps (NTSC); 704x576 with 200 Fps (PAL)
- Preview resolution: 720 x 480 (NTSC), 704 x 576 (PAL) ; Playback resolution: D1 x 8
- Hexaplex operation simultaneously: Preview, recording, playback, and network live, backup, playback
- 1 RJ-45 Ethernet connector, Static, Dynamic IP and DDNS , Support Internet Explorer and special client software
- Remote Control, PTZ, RS485 x 2, 2 x USB, 1xIR Controller
- 2 SATA Hard Disk interface
- Backup: USB2.0 and Network D1*8CH, RS485, PTZ, Alarm, Network
- Support remote view by Mobilephone VGA, USB Backup, USB Mouse
- Dimensions (LxWxH): 405mmx325mmx65mm,
- Weight: 6kg

DIGITAL VIDEO RECORDERS

BE-9616H 16 Channel Digital Video Recorder - Professional Series



Product Features

- Video Input/Output: BNC 16CH In / 2CH Out, VGA 1CH Out, HDMI 1CH Out
- Audio Input/Output: RCA 16CH In/ 1CH Out
- Alarm Input/Output: Alarm 16CH In/ 2CH Out
- Compression Method: H.264
- Real time recording support:
 - CIF: 352x240 with 480 Fps (NTSC); 352x288 with 400 Fps (PAL)
 - D1: 720x480 with 120 Fps (NTSC); 704x576 with 100 Fps (PAL)
- Preview resolution: 720 x 480 (NTSC), 704 x 576 (PAL);
- Playback resolution: CIF x 16 / D1 x 1
- Hexaplex operation simultaneously: Preview, recording, playback, and network live, backup, playback
- 1 RJ-45 Ethernet connector, Static, Dynamic IP and DDNS, Support Internet Explorer and special client software
- Remote Control, PTZ, RS485x2, 2xUSB, 1xIR Controller
- 2 SATA Hard Disk interface
- Backup: USB2.0 and Network
- Support remote view by Mobilephone
- Dimensions (LxWxH): 405mmx325mmx65mm,
- weight: 6kg



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