

HIKVISION®

H.265+

H.265

H.264+

H.264



4K AND H.265+,
A NEW REVOLUTION
FOR THE ANALOG WORLD.
TURBO HD 4.0 SOLUTION

n1 4K ULTRA HD

Sharp, precise, clear video can make all the difference in critical surveillance situations, enabling security staff to quickly identify suspicious individuals, objects, and movement, and take the right action at the right time.

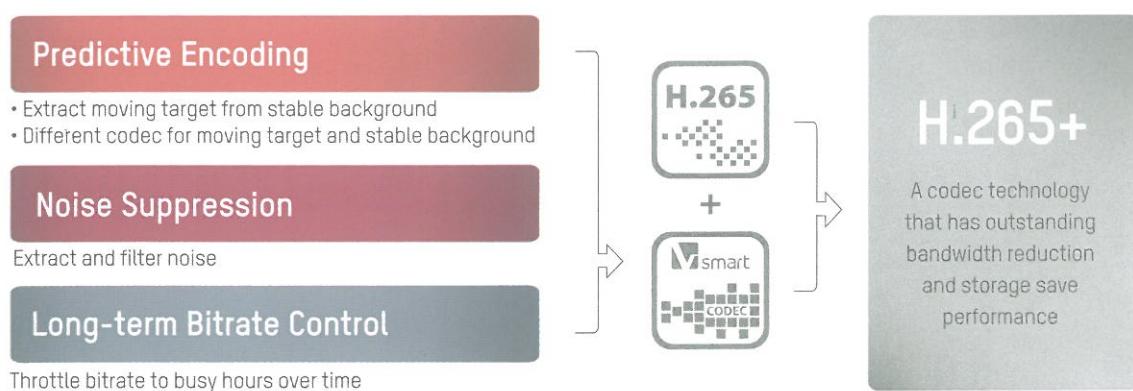
While most analog cameras offer only 2 MP resolution, Hikvision's Turbo HD 4.0 Cameras provide ultra-HD resolution up to 4K, resulting in superlative image quality. The latest 4K cameras offer an astounding 8-Megapixel resolution. With wider coverage and more details, 8 MP cameras reduce the blind areas efficiently. A complete, ultra-HD system can be secured from front-end 4K cameras to back-end 4K DVR and 4K HDMI monitors.



n2 H.265+ SUPREME COMPRESSION

More than three years of research and accumulation empowered Hikvision to be the first to release H.265+ on an analog system—a revolution for analog. H.265+ takes a huge step up in efficiency over H.264—reducing bitrates by 75% on average while maintaining high transmission quality.

H.265+ compression technology takes analog even further. Based on the H.265/HEVC codec, H.265+ is an intelligent algorithm developed by Hikvision that can greatly decrease the bitrate of video. Bandwidth is radically reduced, storage requirements are minimized, and image quality improves.



ULTRA LOWLIGHT CHROMATIC NIGHT VISION

Ultra-low illumination cameras from Hikvision vastly improve the efficiency of night monitoring. High-definition 1080p displays come to life with the amazing ultra-low illumination surveillance cameras. With 120 dB WDR and built-in PoC function, these cameras offer users the most advanced security features available. Rest assured that you will see what's really there—in the shadows, at night, and under conditions that leave other cameras in the dark.



Conventional
HD1080P Camera

Turbo HD 4.0 Camera
(0.003 lux)



Conventional
HD1080P Camera

Turbo HD 4.0 Camera
(0.003 lux)

BUILT IN PoC SIMPLER THAN EVER SYSTEM

With Hikvision's Turbo HD 4.0 Solution, installers don't have to pull wire. Power-over-coax (PoC) supplies the technology to use coaxial cable to integrate video and DC power. This innovation consists of a front-end PoC camera and a back-end Turbo HD DVR, directly embedding the PoC power supply into the back-end DVR device. It then transmits the video signal through the coaxial cable and solves the power supply problem for front-end equipment. Turbo HD 4.0 Solutions reduce the wiring area, save space, and reduce the costs of labor.

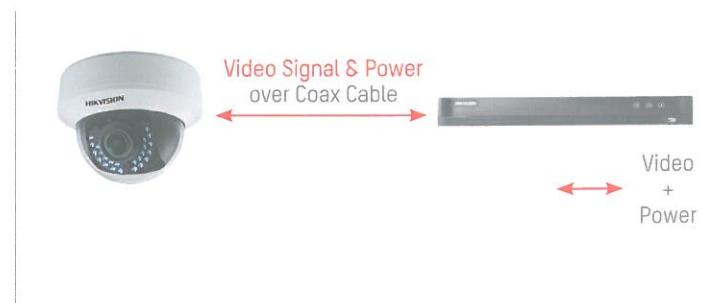
► Conventional Transmission:

Camera requires an external power source to function



► PoC Built In: One Cable Solution

- Transmits both HD video and power over the same coax cable
- Faster, simpler, and less expensive installations
- Patented Hikvision technology



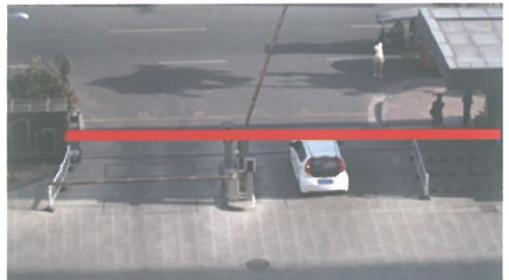
PRODUCT QUALITY MANUFACTURING

SMART DETECTION

The Turbo HD DVR bundles smart features such as face detection, defocus detection, and video analytics. These analytics include traversing a virtual plane, intrusion detection, and scene change detection.



Defocus detection



Traversing virtual plane



Scene change detection



Intrusion detection



Face detection

ADVANCED MANUFACTURING LEVEL

As a manufacturer, Hikvision maintains the highest level of control over product quality, and this manufacturing process directly contributes to performance of the Turbo HD Series. The products are processed in a cleanroom for precise assembly of camera lenses. In addition, Hikvision uses automation software and rigorous testing to improve production efficiency and ensure consistency. As a result, Hikvision's integrated lens and other product offerings feature high stability and reliability.

The products also undergo environment, aging, and EMC testing—which means Hikvision Turbo HD products can thrive in extreme temperatures and other very specialized environments.



Because of our advanced, industry-leading manufacturing technologies, the flexible Turbo HD 4.0 Solution offers seamless compatibility with various third-party HDTVI-compliant cameras and DVRs. Your customers don't have to replace each and every component in their setup. With everything you need from cameras to recording devices and more—and extensive compatibility with devices from other manufacturers, too—this easy and affordable solution will upgrade an existing analog CCTV system to high definition. Hikvision helps you solve surveillance installation and extension problems in any situation you encounter.

Auto Testing

Auto Assembly

Auto Packaging

03 HD LENSES

► High-Definition Lenses

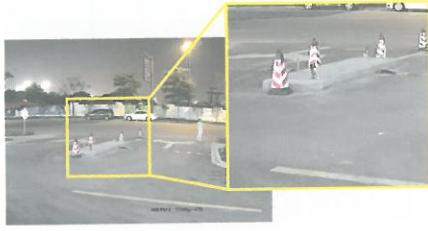
Hikvision hosts its own professional lens division as part of its R&D department—perfecting lens engineering from design to assembly to action.



Conventional lens

► Large Aperture

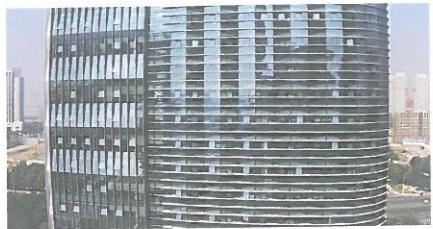
With large apertures, Turbo HD cameras maintain better low-light performance.



Conventional lens

► Low Distortion

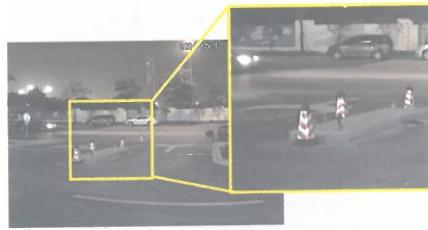
Hikvision's Turbo HD cameras utilize HD lenses with minimal distortion.



Conventional lens



Hikvision lens



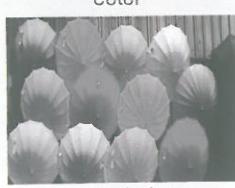
Hikvision lens



Hikvision lens

04 HIGH-DEFINITION INTER-SYSTEM PROTOCOL

Hikvision's Inter-System Protocol (ISP) provides videos with more details and real color.

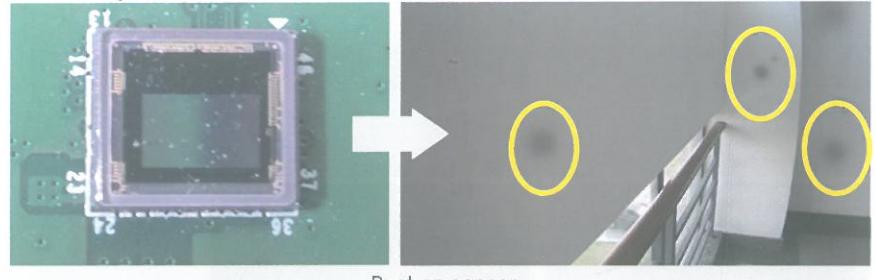


DS MANUFACTURING

► Clean Room Assembly

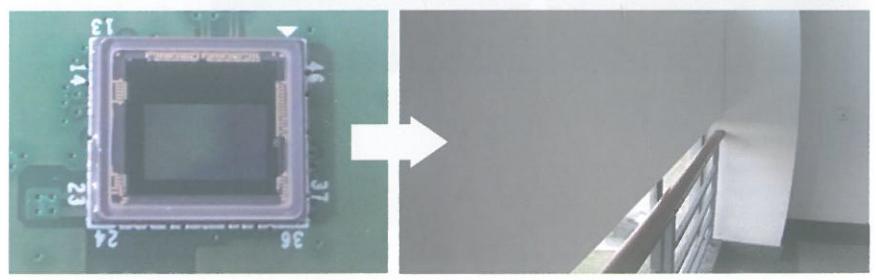


► Comparison



Dust on sensor

► Automatic Assembly



Clean sensor

► HD Lens



Hikvision's seamless design with an integrated lens



Other brands' design with a separated lens

► Clear & Defocus



Clear

Defocus

► Automation Software



- Hikvision uses automation software and tests machines to sustain efficiency and ensure focus consistency
- Five quality indicators must all turn from red to green in the focus station

nf RELIABILITY

► Environmental Testing



Extreme-temperature test cabinet



Aging room

Temperature

In an extreme-temperature simulation environment, we test operating conditions and eliminate any possible weaknesses.

Mechanical Environment

Test the devices' performance under vibration, shock, or dropping that may occur during transportation and daily use. Determine whether the IR-cut filter switch functions normally and whether defocus occurs.

Special Environment

Test the protection level of devices' enclosure and accessories under salt mist, water, violence, etc.

► Special Environments

Our processes test the protection level of device enclosures and accessories under salt mist, water, rough handling, and more.



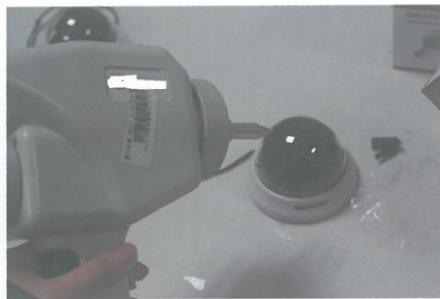
► Electromagnetic Compatibility (EMC) Test – Surge Protection

Electrostatic Discharge and Anti-Interference

- Test a single device's or a system's anti-interference and electrostatic discharge abilities
- Simulate the electric discharge of operators or objects to the device when in contact or close by.



Surge test device



Test device for electrostatic discharge anti-interference



PRODUCT FEATURES

Turbo HD 720P PTZ



DS-2AE5123TI-A
720P Analog IR PTZ

- 1.3MP CMOS image sensor, HDTVI technology
- 720P video output
- 23X optical zoom, 16X digital zoom
- Up the coax function
- Privacy masking
- 3D DNR, BLC, ICR
- Up to 150m IR distance

DS-2AE4123TI-D
720P Analog IR PTZ



- 1.3MP CMOS image sensor, HDTVI technology
- 720P video output
- 23X Optical Zoom
- DWDR
- Up to 100m IR distance
- 3D intelligent positioning function
- Support Turbo HD and BNC output



DS-2AE4123T-A(3)
720P Analog PTZ

- 1.3MP CMOS image sensor, HDTVI technology
- 720P video output
- 23X optical zoom, 16X digital zoom
- Up the coax function
- 3D DNR, BLC, ICR

DS-2AE4223T-A(3)
1080P Analog PTZ



- 2MP CMOS image sensor, HDTVI technology
- 1080P video output
- 23X optical zoom, 16X digital zoom
- Up the coax function
- 3D DNR, BLC, ICR



DS-2AE4223TI-D
1080P Analog IR PTZ

- 2MP CMOS image sensor, HDTVI technology
- 1080P video output
- 23X Optical Zoom
- DWDR
- Up to 100m IR distance
- 3D intelligent positioning function
- Support Turbo HD and BNC output

DS-2AE5223TI-A
1080P Analog IR PTZ



- 2MP CMOS image sensor, HDTVI technology
- 1080P video output
- 23X optical zoom, 16X digital zoom
- Up the coax function
- Privacy Masking
- 3D DNR, BLC, ICR
- Up to 150m IR distance



DS-2AE5230T-A(3)
1080P Analog PTZ

- 2MP CMOS image sensor, HDTVI technology
- 1080P video output
- 30X optical zoom, 16X digital zoom
- Up the coax function
- Privacy masking
- 3D DNR, BLC, ICR

DS-2AE7230TI-A
1080P Analog IR PTZ



- 2MP CMOS image sensor, HDTVI technology
- 1080P video output
- 30X optical zoom, 16X digital zoom
- Up the coax function
- Privacy masking
- 3D DNR, BLC, ICR
- Up to 120m IR distance

PRODUCT FEATURES

Turbo HD 8 MP Camera

NEW



DS-2CC12U8T-A
8 MP Box Camera

- 8 MP ultra HD resolution
- True Day / Night, Smart IR
- OSD menu, 3D DNR
- 120 dB True WDR
- Dual voltage (12 VDC & 24 VAC)

Turbo HD 5 MP EXIR Cameras

NEW



DS-2CC52H1T-FITS
5 MP Fisheye Camera

- Up to 12.5 fps at 5 MP resolution
- 180° panoramic view
- True Day / Night, Smart IR
- Advanced EXIR technology
- Up to 20 m IR distance
- Supports local dewarping

NEW



DS-2CE16H1T-IT
DS-2CE56H1T-ITM
Outdoor EXIR Bullet/Eyeball

- Up to 20 fps at 5 MP resolution
- Switchable between 5 MP and 4 MP resolution
- True Day / Night, Smart IR
- Advanced EXIR technology
- Up to 20 m IR distance
- IP67 weatherproof

NEW



DS-2CE16H1T-IT1/3/5
Outdoor EXIR Bullet

- Up to 20 fps at 5 MP resolution
- Switchable between 5 MP and 4 MP resolution
- True Day / Night, Smart IR
- Advanced EXIR technology
- Up to 20 / 40 / 80 m IR distance
- IP67 weatherproof

NEW



DS-2CE56H1T-IT1/3
Outdoor EXIR Eyeball

- Up to 20 fps at 5 MP resolution
- Switchable between 5 MP and 4 MP resolution
- True Day / Night, Smart IR
- Advanced EXIR technology
- Up to 20 / 40 m IR distance
- IP67 weatherproof

NEW



DS-2CE16H1T-(A)IT3
Outdoor EXIR Motorized Vari-focal Bullet

- Up to 20 fps at 5 MP resolution
- Switchable between 5 MP and 4 MP resolution
- True Day / Night, Smart IR
- Advanced EXIR technology
- 2.8 - 12 mm motorized Lens
- 40 m IR distance & IP67 weatherproof
- Dual voltage: 12 VDC/ 24 VAC [-A model only]

NEW



DS-2CE56H1T-IT3Z
Outdoor EXIR Motorized Vari-focal Eyeball

- Up to 20 fps at 5 MP resolution
- Switchable between 5 MP and 4 MP resolution
- True Day / Night, Smart IR
- Advanced EXIR technology
- 2.8 - 12 mm motorized Lens
- 40 m IR distance
- IP67 weatherproof

NEW



DS-2CE56H1T-(A)ITZ
Indoor EXIR Motorized Vari-focal Dome

- Up to 20 fps at 5 MP resolution
- Switchable between 5 MP and 4 MP resolution
- True Day / Night, Smart IR
- Advanced EXIR technology
- 2.8 - 12 mm motorized Lens
- 30 m IR distance
- Dual voltage: 12 VDC/ 24 VAC [-A model only]

PRODUCT FEATURES

NEW



DS-2CE56H1T-(A)VPIT3Z
Outdoor EXIR Motorized
Vari-focal Dome

- Up to 20 fps at 5 MP resolution
- Switchable between 5 MP and 4 MP resolution
- True Day / Night, Smart IR
- Advanced EXIR technology
- 2.8 – 12 mm motorized Lens
- 40 m IR distance
- Vandal proof & IP67 weatherproof
- Dual voltage: 12 VDC/ 24 VAC [-A model only]



DS-2CE56F7T-VPIT
Outdoor Vandalproof EXIR
Dome

- 3.0 MP high-performance CMOS
- Turbo HD output, up to 3MP(1920*1536) resolution
- True Day/Night
- True WDR, Smart IR
- Up to 20m IR distance
- Vandalproof & IP66 weatherproof



DS-2CE56F7T-IT1/3
Outdoor EXIR Eyeball

- 3.0 MP high-performance CMOS
- Turbo HD output, up to 3MP(1920*1536) resolution
- True Day/Night
- True WDR, Smart IR
- 20/40m IR distance
- IP66 weatherproof



DS-2CE56F7T-IT3
Outdoor EXIR Motorized
Vari-focal Eyeball

- 3.0 MP high-performance CMOS
- Turbo HD output, up to 3MP(1920*1536) resolution
- True Day/Night
- True WDR, Smart IR
- 2.8-12mm motorized Lens
- 40m IR distance
- IP66 weatherproof

Turbo HD 3MP WDR EXIR Cameras



DS-2CE16F7T-IT
DS-2CE56F7T-ITM
Outdoor EXIR Bullet/
Eyeball

- 3.0 MP high-performance CMOS
- Turbo HD output, up to 3MP(1920*1536) resolution
- True Day/Night
- True WDR, Smart IR
- Up to 20m IR distance
- IP66 weatherproof



DS-2CE16F7T-IT1/3/5
Outdoor EXIR Bullet

- 3.0 MP high-performance CMOS
- Turbo HD output, up to 3MP(1920*1536) resolution
- True Day/Night
- True WDR, Smart IR
- 20/40/80m IR distance
- IP66 weatherproof



DS-2CE16F7T-(A)IT3
Outdoor EXIR Motorized
Vari-focal Bullet

- 3.0 MP high-performance CMOS
- Turbo HD output, up to 3MP(1920*1536) resolution
- True Day/Night
- True WDR, Smart IR
- 2.8-12mm motorized Lens
- 40m IR distance
- IP66 weatherproof
- Dual voltage: 12 VDC/ 24 VAC [-A model only]



DS-2CE56F7T-(A)ITZ
Indoor EXIR Motorized
Vari-focal Dome

- 3.0 MP high-performance CMOS
- Turbo HD output, up to 3MP(1920*1536) resolution
- True Day/Night
- True WDR, Smart IR
- 2.8-12mm motorized Lens
- 30m IR distance
- Dual voltage: 12 VDC/ 24 VAC [-A model only]

PRODUCT FEATURES



DS-2CE56F7T-(A)VPIT3Z
Outdoor EXIR Motorized
Vari-focal Dome

- 3.0 MP high-performance CMOS
- Turbo HD output, up to 3MP(1920*1536) resolution
- True Day/Night
- True WDR, Smart IR
- 2.8-12mm motorized Lens
- 40m IR distance
- Vandalproof & IP66 weatherproof
- Dual voltage: 12 VDC/ 24 VAC (-A model only)



DS-2CE16F1T-IT1/3/5
Outdoor EXIR Bullet

- 3.0 MP high-performance CMOS
- Turbo HD output, up to 3MP(1920*1536) resolution
- True Day/Night & Smart IR
- 20/40/80m IR distance
- IP66 weatherproof

Turbo HD 3MP EXIR Cameras



DS-2CE16F1T-IT
DS-2CE56F1T-ITM
Outdoor EXIR Bullet

- 3.0 MP high-performance CMOS
- Turbo HD output, up to 3MP(1920*1536) resolution
- True Day/Night & Smart IR
- Up to 20m IR distance
- IP66 weatherproof



DS-2CE56F1T-IT1/3
Outdoor EXIR Eyeball

- 3.0 MP high-performance CMOS
- Turbo HD output, up to 3MP(1920*1536) resolution
- True Day/Night & Smart IR
- 20/40m IR distance
- IP66 weatherproof

Turbo HD 1080P Ultra-Low Illumination Cameras

NEW



DS-2CC12D9T-IT3/5E
HD1080P PoC Bullet

- Built-in PoC (Power over Coax)
- True Day / Night,
- True WDR, Smart IR
- Advanced EXIR technology
- Up to 40 / 80 m IR distance
- IP67 weatherproof

NEW



DS-2CC52D9T-IT3E
HD1080P PoC Eyeball

- Built-in PoC (Power over Coax)
- True Day / Night
- True WDR, Smart IR
- Advanced EXIR technology
- Up to 40 m IR distance
- IP67 weatherproof

NEW



DS-2CC12D9T-AIT3ZE
HD1080P PoC Vari-focal
Bullet

- Built-in PoC (Power over Coax)
- True Day / Night
- True WDR, Smart IR
- Advanced EXIR technology
- 2.8 – 12 mm motorized auto focus Lens
- 30 m IR distance
- Dual voltage: 12 VDC/ 24 VAC

NEW



DS-2CC52D9T-AVPT3ZE
HD1080P PoC Vari-focal
Dome

- Built-in PoC (Power over Coax)
- True Day / Night, Smart IR
- Advanced EXIR technology
- 2.8 – 12 mm motorized auto focus Lens
- 40 m IR distance
- Vandal proof & IP67 weatherproof
- Dual voltage: 12 VDC/ 24 VAC

PRODUCT FEATURES

NEW



DS-2CC52D9T-AITZE
HD1080P PoC Vari-focal
Dome

- Built-in PoC (Power over Coax)
- True Day / Night
- True WDR, Smart IR
- Advanced EXIR technology
- 2.8 – 12 mm motorized auto focus Lens
- 30 m IR distance
- Dual voltage: 12 VDC / 24 VAC

NEW



DS-2CE56D8T-VPIT
Outdoor Vandalproof
EXIR Dome

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- Ultra low illumination 0.005 lux/F1.2
- Up to 20m IR distance
- IP66 weatherproof

NEW



DS-2CE56D8T-IT1/3
Outdoor EXIR Eyeball

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- Ultra low illumination 0.005 lux/F1.2
- 20/40m IR distance
- IP66 weatherproof

NEW



DS-2CE56D8T-IT3Z
Outdoor EXIR Motorized
VF Auto Focus Eyeball

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- Ultra low illumination 0.005 lux/F1.2
- 2.8-12mm motorized auto focus Lens
- 40m IR distance
- IP66 weatherproof

Turbo HD HD1080P Ultra Lowlight EXIR Cameras

NEW



DS-2CE16D8T-IT(P)
DS-2CE56D8T-ITM
Outdoor EXIR Bullet/
Eyeball

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- Ultra low illumination 0.005 lux/F1.2
- Up to 20m IR distance
- IP66 weatherproof

NEW



DS-2CE16D8T-IT1/3/5
Outdoor EXIR Bullet

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- Ultra low illumination 0.005 lux/F1.2
- 20/40/80m IR distance
- IP66 weatherproof

NEW



DS-2CE16D8T-(A)IT3Z
Outdoor EXIR Motorized
VF Auto Focus Bullet

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- 2.8-12mm motorized auto focus Lens
- Ultra low illumination 0.005 lux/F1.2
- 40m IR distance
- IP66 weatherproof
- Dual voltage: 12 VDC / 24 VAC (-A model only)

NEW



DS-2CE56D8T-(A)ITZ
Indoor EXIR Motorized VF
Auto Focus Dome

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- Ultra low illumination 0.005 lux/F1.2
- 2.8-12mm motorized auto focus Lens
- 30m IR distance
- Dual voltage: 12 VDC / 24 VAC (-A model only)

PRODUCT FEATURES

NEW



DS-2CE56D8T-(A)VPIT3Z

Outdoor EXIR Motorized VF
Auto Focus Dome

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- Ultra low illumination 0.005 lux/F1.2
- 2.8-12mm motorized auto focus Lens
- 40m IR distance
- Vandalproof & IP66 weatherproof
- Dual voltage: 12 VDC/ 24 VAC (-A model only)

NEW



DS-2CE56D8T-VPITE

Outdoor Vandalproof EXIR
Dome

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- Ultra low illumination 0.005 lux/F1.2
- Up to 20m IR distance
- Built-in PoC & IP66 weatherproof

NEW



DS-2CE56D8T-IT1/3

Outdoor EXIR Eyeball

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- Ultra low illumination 0.005 lux/F1.2
- 20/40m IR distance
- Built-in PoC & IP66 weatherproof

NEW



DS-2CE56D8T-IT3ZE

Outdoor EXIR Motorized VF
Auto Focus Eyeball

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- Ultra low illumination 0.005 lux/F1.2
- 2.8-12mm motorized auto focus Lens
- 40m IR distance
- Built-in PoC & IP66 weatherproof

Turbo HD HD1080P EXIR PoC Cameras

NEW



DS-2CE16D8T-ITE

DS-2CE56D8T-ITME

Outdoor EXIR Bullet/Eyeball

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- Ultra low illumination 0.005 lux/F1.2
- Up to 20m IR distance
- Built-in PoC & IP66 weatherproof

NEW



DS-2CE16D8T-IT1/3/5E

Outdoor EXIR Bullet

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- Ultra low illumination 0.005 lux/F1.2
- 20/40/80m IR distance
- Built-in PoC & IP66 weatherproof

NEW



DS-2CE16D8T-(A)IT3ZE

Outdoor EXIR Motorized VF
Auto Focus Bullet

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- 2.8-12mm motorized auto focus Lens
- Ultra low illumination 0.005 lux/F1.2
- 40m IR distance
- IP66 weatherproof
- Built-in PoC, 12 VDC/ 24 VAC (-A model only)

NEW



DS-2CE56D8T-(A)ITZE

Indoor EXIR Motorized VF
Auto Focus Dome

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- Ultra low illumination 0.005 lux/F1.2
- 2.8-12mm motorized auto focus Lens
- 30m IR distance
- Built-in PoC, 12 VDC/ 24 VAC (-A model only)

PRODUCT FEATURES

NEW



DS-2CE56D8T-(A)VPIT3ZE
Outdoor EXIR Motorized VF
Auto Focus Dome

- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- Ultra low illumination 0.005 lux/F1.2
- 2.8-12mm motorized auto focus Lens
- 40m IR distance
- Vandalproof & IP66 weatherproof
- Built-in PoC, 12 VDC/ 24 VAC (-A model only)



DS-2CE56D7T-VPIT
Outdoor Vandalproof EXIR
Dome

- 2.0 MP high-performance CMOS
- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, Smart IR
- Up to 20m IR distance
- Vandalproof & IP67 weatherproof



DS-2CE56D7T-IT1/3
Outdoor EXIR Bullet

- 2.0 MP high-performance CMOS
- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, Smart IR
- 20/40m IR distance
- IP66 weatherproof



DS-2CE56D7T-IT3
Outdoor EXIR Motorized
Vari-focal Bullet

- 2.0 MP high-performance CMOS
- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, Smart IR
- 2.8-12mm motorized Lens
- 40m IR distance
- IP66 weatherproof

Turbo HD 1080P WDR EXIR Cameras



DS-2CE16D7T-IT
DS-2CE56D7T-ITM
Outdoor EXIR Bullet/Eyeball

- 2.0 MP high-performance CMOS
- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, Smart IR
- Up to 20m IR distance
- IP67 weatherproof



DS-2CE16D7T-IT1/3
Outdoor EXIR Bullet

- 2.0 MP high-performance CMOS
- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, Smart IR
- 20/40/80m IR distance
- IP66 weatherproof



DS-2CE16D7T-(A)IT3
Outdoor EXIR Motorized
Vari-focal Bullet

- 2.0 MP high-performance CMOS
- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, Smart IR
- 2.8-12mm motorized Lens
- 40m IR distance
- IP66 weatherproof
- Dual voltage: 12 VDC/ 24 VAC (-A model only)



DS-2CE56D7T-(A)ITZ
Indoor EXIR Motorized
Vari-focal Dome

- 2.0 MP high-performance CMOS
- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, Smart IR
- 2.8-12mm motorized Lens
- 30m IR distance
- Dual voltage: 12 VDC/ 24 VAC (-A model only)

PRODUCT FEATURES



DS-2CE56D7T-(A)VPIT3Z
Outdoor EXIR Motorized
Vari-focal Dome

- 2.0 MP high-performance CMOS
- Turbo HD output, up to HD1080p resolution
- True Day/Night
- True WDR, Smart IR
- 2.8-12mm motorized Lens
- 40m IR distance
- Vandalproof & IP67 weatherproof
- Dual voltage: 12 VDC/ 24 VAC (-A model only)



DS-2CE16D5T-IT1/3/5
Outdoor EXIR Bullet

- 2.0MP high-performance CMOS
- Turbo HD output, up to 1080P resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- OSD menu
- Up to 20/40/80m IR distance with EXIR
- IP67 weatherproof



DS-2CE16D5T-(A)VFIT3
DS-2CE56D5T-VFIT3
Outdoor Vari-focal EXIR
Bullet/Eyeball

- 2.0MP high-performance CMOS
- Turbo HD output, up to 1080P resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- OSD menu
- 2.8 – 12mm vari-focal lens
- Up to 40/50m IR distance with EXIR
- IP66 weatherproof



DS-2CE56D5T-(A)VPIR3
Outdoor Vandalproof IR
Dome

- 2.0MP high-performance CMOS
- Turbo HD output, up to 1080P resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- OSD menu
- 2.8 – 12mm vari-focal lens
- Up to 40m IR distance
- IP66 weatherproof & Vandal Proof
- Dual voltage: 12 VDC/ 24 VAC (-A model only)

Turbo HD 1080P WDR Cameras



DS-2CE16D5T-IR
DS-2CE56D5T-IRM
Outdoor IR Bullet/Eyeball

- 2.0MP high-performance CMOS
- Turbo HD output, up to 1080P resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- OSD menu
- Up to 20m IR distance
- IP66 weatherproof



DS-2CE56D5T-IT1/3
Outdoor EXIR Eyeball

- 2.0MP high-performance CMOS
- Turbo HD output, up to 1080P resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- OSD menu
- Up to 20/40m IR distance with EXIR
- IP66 weatherproof



DS-2CE16D5T-(A)VFIR
Indoor Vari-focal IR Dome

- 2.0MP high-performance CMOS
- Turbo HD output, up to 1080P resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- OSD menu
- 2.8 – 12mm vari-focal lens
- Up to 30m IR distance
- Dual voltage: 12 VDC/ 24 VAC (-A model only)



DS-2CE16D5T-AIR3ZH
Outdoor Motorized lens
Vari-focal Bullet

- 2.0MP high-performance CMOS
- Turbo HD output, up to 1080P resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- OSD menu
- 2.8 – 12mm Motorized vari-focal lens
- Up to 40m IR distance
- IP66 weatherproof
- Built-in Heater

PRODUCT FEATURES



DS-2CE56D5T-IR3Z
Outdoor Motorized lens
Vari-focal Eyeball

- 2.0MP high-performance CMOS
- Turbo HD output, up to 1080P resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- OSD menu
- 2.8 - 12mm Motorized vari-focal lens
- Up to 40m IR distance
- IP66 weatherproof



DS-2CE56D5T-AVPIR3Z(H)
Outdoor Motorized lens
Vari-focal Dome

- 2.0MP high-performance CMOS
- Turbo HD output, up to 1080P resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- OSD menu
- 2.8 - 12mm Motorized vari-focal lens
- Up to 40m IR distance
- IP66 weatherproof & Vandal Proof
- Built-in Heater (DS-2CE56D5T-AVPIR3ZH)

NEW



DS-2CE16DOT-IR(P)F
DS-2CE56DOT-IR(M)F
Outdoor IR Bullet/Eyeball

- 2.0 MP high-performance CMOS
- Turbo HD output, up to 1080P resolution
- True Day/Night
- DNR, Smart IR
- Up to 20m IR distance
- HD-TVI / CVI / AHD / CVBS video output

NEW



DS-2CE56DOT-IT1/3F
Outdoor EXIR Eyeball

- 2.0 MP high-performance CMOS
- Turbo HD output, up to 1080P resolution
- True Day/Night
- DNR, Smart IR
- Up to 20/40m IR distance with EXIR
- IP66 weatherproof
- HD-TVI / CVI / AHD / CVBS video output



DS-2CE56D5T-AIRZ
Indoor Motorized lens Vari-focal Dome

- 2.0MP high-performance CMOS
- Turbo HD output, up to 1080P resolution
- True Day/Night
- True WDR, 3D DNR, Smart IR
- OSD menu
- 2.8 - 12mm Motorized vari-focal lens
- Up to 30m IR distance

Turbo HD HD1080P 4-in-1 Cameras

NEW



DS-2CE56D0T-IRMMF
DS-2CE56D0T-IRPF
Indoor IR Dome/Eyeball

- 2.0 MP high-performance CMOS
- Turbo HD output, up to 1080P resolution
- True Day/Night
- DNR, Smart IR
- Up to 20m IR distance
- HD-TVI / CVI / AHD / CVBS video output

NEW



DS-2CE16DOT-IT1/3/5F
Outdoor EXIR Bullet

- 2.0 MP high-performance CMOS
- Turbo HD output, up to 1080P resolution
- True Day/Night
- DNR, Smart IR
- Up to 20/40/80m IR distance with EXIR
- IP66 weatherproof
- HD-TVI / CVI / AHD / CVBS video output

Turbo HD 720P Low Light Cameras



DS-2CE56C5T-IT1/3
Outdoor EXIR Eyeball

- 1.3MP high-performance CMOS
- Turbo HD output, up to 720P resolution
- Excellent low-light performance
- True Day/Night
- 3D DNR, Smart IR
- Up to 20/40m IR distance with EXIR
- IP66 weatherproof

PRODUCT FEATURES



DS-2CE16C5T-(A)VFIR3

DS-2CE56C5T-VFIT3

Outdoor Vari-focal
Bullet/Eyeball

- 1.3MP high-performance CMOS
- Turbo HD output, up to 720P resolution
- Excellent low-light performance
- True Day/Night
- 3D DNR, Smart IR
- 2.8 – 12mm vari-focal lens
- Up to 40/50m IR distance
- IP66 weatherproof



DS-2CE56C5T-(A)VPIR3

Outdoor Vandalproof IR
Dome

- 1.3MP high-performance CMOS
- Turbo HD output, up to 720P resolution
- Excellent low-light performance
- True Day/Night
- 3D DNR, Smart IR
- 2.8 – 12mm vari-focal lens
- Up to 40m IR distance
- IP66 weatherproof & Vandal Proof
- Dual voltage: 12 VDC/ 24 VAC [-A model only]

Turbo HD 720P Cameras



DS-2CE16C2T-VFIR3

DS-2CE56C2T-VFIR3

Outdoor Vari-focal Bullet/
Eyeball

- Turbo HD output, up to 720P resolution
- Excellent low-light performance
- True Day/Night
- DNR, Smart IR
- 2.8 – 12mm vari-focal lens
- Up to 40m IR distance
- IP66 weatherproof



DS-2CE56C5T-(A)VFIR

Indoor Vari-focal IR Dome

- 1.3MP high-performance CMOS
- Turbo HD output, up to 720P resolution
- Excellent low-light performance
- True Day/Night
- 3D DNR, Smart IR
- 2.8 – 12mm vari-focal lens
- Up to 30m IR distance
- Dual voltage: 12 VDC/ 24 VAC [-A model only]



DS-2CE16C5T-IT1/3/5

Outdoor EXIR Bullet

- 1.3MP high-performance CMOS
- Turbo HD output, up to 720P resolution
- Excellent low-light performance
- True Day/Night
- 3D DNR, Smart IR
- Up to 20/40/80m IR distance with EXIR
- IP66 weatherproof

Turbo HD HD720P 4-in-1 Cameras

NEW



DS-2CE56COT-IRMMF

DS-2CE56COT-IRPF

Indoor IR Dome/Eyeball

- 1.0 MP high-performance CMOS
- Turbo HD output, up to 720P resolution
- True Day/Night
- DNR, Smart IR
- Up to 20m IR distance
- HD-TVI / CVI / AHD / CVBS video output

NEW



DS-2CE16COT-IR(P)F

DS-2CE56COT-IR(M)F

Outdoor IR Bullet/Eyeball

- 1.0 MP high-performance CMOS
- Turbo HD output, up to 720P resolution
- True Day/Night
- DNR, Smart IR
- Up to 20m IR distance
- IP66 weatherproof
- HD-TVI / CVI / AHD / CVBS video output

NEW



DS-2CE16COT-IT1/3/5F

Outdoor EXIR Bullet

- 1.0 MP high-performance CMOS
- Turbo HD output, up to 720P resolution
- True Day/Night
- DNR, Smart IR
- Up to 20/40/80m IR distance with EXIR
- IP66 weatherproof
- HD-TVI / CVI / AHD / CVBS video output

PRODUCT FEATURES

NEW



DS-2CE56COT-IT1/3F
Outdoor EXIR Eyeball

- 1.0 MP high-performance CMOS
- Turbo HD output, up to 720P resolution
- True Day/Night
- DNR, Smart IR
- Up to 20/40m IR distance with EXIR
- IP66 weatherproof
- HD-TVI / CVI / AHD / CVBS video output

Turbo HD DVRs

NEW



DS-7104/08/16HQHI-K1
HD1080P Mini 1U Turbo HD DVR

- 4 / 8 / 16-ch video input, 1-ch audio input
- HD-TVI / CVI / AHD / CVBS / IP video signal supported
- H.264/H.264+/H.265+/H.265 video compression
- Ch 1 / Ch 1-2 / Ch 1-4 supports up to 3 MP resolution,
- HDMI output at 4K resolution (DS-7116HQHI-K1)
- Extended transmission distance over coax cable
- 1 SATA, 2 USB 2.0

NEW



DS-7204/08/16HQHI-K1
HD1080P 1U Turbo HD DVR

- 4 / 8 / 16-ch video input, 1-ch audio input
- HD-TVI / CVI / AHD / CVBS/IP video signal supported
- H.264/H.264+/H.265+/H.265 video compression
- Ch 1 / Ch 1-2 / Ch 1-4 supports up to 3 MP resolution,
- HDMI output at 4K resolution (DS-7216HQHI-K1)
- Extended transmission distance over coax cable
- 1 SATA, 1 USB2.0 & 1 USB3.0(DS-7216HQHI-K1)

NEW



DS-7208/16HQHI-K2
HD1080P 1U Turbo HD DVR

- 8 / 16-ch video input, 1-ch audio input
- HD-TVI / CVI / AHD / CVBS/IP video signal supported
- H.264/H.264+/H.265+/H.265 video compression
- Ch 1-2 / Ch 1-4 supports up to 3 MP resolution,
- HDMI output at 4K resolution (DS-7216HQHI-K2)
- Extended transmission distance over coax cable
- 2 SATA, 1 USB2.0 & 1 USB3.0(DS-7216HQHI-K2)

NEW



DS-7204/08HUHI-K1
5 MP 1U Turbo HD DVR

- 4 / 8-ch video input, 4-ch audio input
- HD-TVI / CVI / AHD / CVBS / IP video signal supported
- H.264/H.264+/H.265+/H.265 video compression
- 12 fps recording at 5 MP resolution, 15 fps recording at 4 MP resolution
- HDMI output at 4K resolution (DS-7208HUHI-K1)
- Extended transmission distance over coax cable
- 1 SATA, 1 USB2.0 & 1 USB3.0(DS-7208HUHI-K1)

NEW



DS-7204/08/16HUHI-K2
5 MP 1U Turbo HD DVR

- 4 / 8 / 16-ch video input, 4-ch audio input
- HD-TVI / CVI / AHD / CVBS/IP video signal supported
- H.264/H.264+/H.265+/H.265 video compression
- 12 fps recording at 5 MP resolution, 15 fps recording at 4 MP resolution
- HDMI output at 4K resolution (DS-7208/16HUHI-K2)
- Extended transmission distance over coax cable
- 2 SATA, 1 USB2.0 & 1 USB3.0(DS-7208HUHI-K2,DS-7216HUHI-K2)

NEW



DS-7204HQHI-K1/P
HD1080P 1U Turbo HD PoC DVR

- 4-ch video input, 1-ch audio input
- HD-TVI / CVI / AHD / CVBS/IP video signal supported
- H.264/H.264+/H.265+/H.265 video compression
- Ch 1 supports up to 3 MP resolution
- HDMI and VGA output at up to 1920 x 1080P resolution
- Extended transmission distance over coax cable
- Built-in PoC(only support hikvision PoC camera)
- 1 SATA, 2 USB 2.0

NEW



DS-7208/16HQHI-K2/P
HD1080P 1U Turbo HD PoC DVR

- 8 / 16-ch video input, 1-ch audio input
- HD-TVI / CVI / AHD / CVBS/IP video signal supported
- H.265+ / H.265+ video compression
- Ch 1-2 / Ch 1-4 supports up to 3 MP resolution,
- HDMI output at 4K resolution (DS-7216HQHI-K2/P)
- Extended transmission distance over coax cable
- Built-in PoC(only support hikvision PoC camera)
- 2 SATA, 1 USB2.0 & 1 USB3.0(DS-7216HQHI-K2/P)

NEW		DS-7204HUHI-K1/P 5 MP 1U Turbo HD PoC DVR
		<ul style="list-style-type: none"> • 4-ch video input, 4-ch audio input • HD-TVI / CVI / AHD / CVBS/IP video signal supported • H.264/H.264+/H.265+/H.265 video compression • 12 fps recording at 5 MP resolution, 15 fps recording at 4 MP resolution • HDMI and VGA output at up to 1920 x 1080P resolution • Extended transmission distance over coax cable • Built-in PoC(only support hikvision PoC camera) • 1 SATA, 2 USB 2.0
NEW		DS-7208HUHI-K2/P 5 MP 1U Turbo HD PoC DVR
		<ul style="list-style-type: none"> • 8-Ch video input, 4-ch audio input • HD-TVI / CVI / AHD / CVBS/IP video signal supported • H.264/H.264+/H.265+/H.265 video compression • 12 fps recording at 5 MP resolution, 15 fps recording at 4 MP resolution • HDMI output at 4K resolution • Extended transmission distance over coax cable • Built-in PoC(only support hikvision PoC camera) • 2 SATA, 1 USB2.0 & 1 USB3.0(DS-7208HUHI-K2/P)
NEW		DS-7304/08/16HUHI-K4 5 MP 1.5U Turbo HD DVR
		<ul style="list-style-type: none"> • 4 / 8 / 16-ch video input, 4-ch audio input • HD-TVI / CVI / AHD / CVBS/IP video signal supported • H.264/H.264+/H.265+/H.265 video compression • 12 fps recording at 5 MP resolution, 15 fps recording at 4 MP resolution • Dual HDMI Output, HDMI output at 4K resolution • Extended transmission distance over coax cable • 4 SATA, 1 eSATA, 1 USB 3.0 & 2 USB 2.0
NEW		DS-7304/08/16HQHI-K4 3 MP 1.5U Turbo HD DVR
		<ul style="list-style-type: none"> • HD-TVI / CVI / AHD / CVBS/IP video signal supported • H.264/H.264+/H.265+/H.265 video compression • Ch 1-2 / Ch 1-4 supports up to 3 MP resolution, • HDMI output at 4K resolution • Extended transmission distance over coax cable • 4 SATA, 2 USB2.0 & 1 USB3.0
DS-7104/08/16HGHI-F1 720P Mini 1U Turbo HD DVR		DS-7104/08/16HGHI-F1/N 1080P Mini 1U Turbo HD DVR
		<ul style="list-style-type: none"> • 4/8/16-ch HD TVI/AHD/analog cameras video&audio input • HD-TVI/AHD/analog hybrid • HD-TVI and analog cameras self-adaptive access • Up to full channel@720P resolution real-time recording • HDMI and VGA output at up to 1920×1080P resolution • Long transmission distance over coax cable • 1SATA, 2 USB2.0
DS-7204/08/16HGHI-F1 DS-7208/16HGHI-F2 720P 1U Turbo HD DVR		DS-7204/08/16HQHI-F1/N 1080P 1U Turbo HD DVR
		<ul style="list-style-type: none"> • 4/8/16-ch HD TVI/AHD/analog cameras video&audio input • HD-TVI/analog/AHD/IP camera quadruple hybrid • HD-TVI and analog cameras self-adaptive access • Up to full channel@720P resolution real-time recording • HDMI and VGA output at up to 1920×1080P resolution • Long transmission distance over coax cable • Front panel and alarm I/O optional • 1SATA(DS-7204/08/16HGHI-F1)/2 SATA(DS-7208/16HGHI-F2), 2 USB2.0
		<ul style="list-style-type: none"> • 4/8/16-ch HD TVI/analog/AHD cameras video&audio input • HD-TVI/analog/AHD/IP camera hybrid • H.264+ video compression • Full channel@720P resolution real-time and 1080P non real-time recording • HDMI and VGA output at up to 1920×1080P resolution • Long transmission distance over coax cable • Front panel and alarm I/O optional • 1 SATA, 2 USB 2.0



DS-7208/16HQHI-F2/N
1080P 1U Turbo HD DVR

- 8/16-ch HD TVI/analog/AHD cameras video&audio input
- HD-TVI/analog/AHD/IP camera hybrid
- H.264+ video compression
- Full channel@720P resolution real-time and 1080P non real-time recording
- HDMI and VGA output at up to 1920×1080P resolution
- Long transmission distance over coax cable
- Front panel and alarm I/O optional
- 2 SATA, 2 USB 2.0



DS-7204/08/16HUHI-F2/N
3MP 1U Turbo HD DVR

- 4/8/16-ch video & 1-ch audio input
- HDTV/analog/AHD/IP camera quadruple hybrid
- 15fps recording at 3MP
- Full channel recording at 1080P resolution
- HDMI output at up to 1920×1080P resolution(DS-7204HUHI-F2/N), support CVBS output
- 4K UHD output (DS-7208/16HUHI-F2/N)
- Long transmission distance over coax cable
- Front panel and alarm I/O optional
- 2 SATA, 2 USB 3.0



DS-7324/32HGHI-SH
1080P 1.5U Turbo HD DVR

- 24/32-ch HD TVI/analog cameras video&audio input
- HD-TVI/analog/IP camera triple hybrid
- HD-TVI and analog cameras self-adaptive access
- Full channel@720P resolution real-time and 1080P no-real-time recording
- HDMI and VGA output at up to 1920×1080P resolution
- Long transmission distance over coax cable
- Gigabit network interfaces
- 4 SATA, 1 eSATA, 3 USB2.0



DS-7204/08HUHI-F1/N
3MP 1U Turbo HD DVR

- 4/8-ch video & 1-ch audio input
- HDTV/analog/AHD/IP camera quadruple hybrid
- 15fps recording at 3MP
- Full channel recording at 1080P resolution
- HDMI output at up to 1920×1080P resolution(DS-7204HUHI-F1/N), support CVBS output
- 4K UHD output (DS-7208HUHI-F1/N)
- Long transmission distance over coax cable
- Front panel and alarm I/O optional
- 1 SATA, 2 USB 3.0



DS-7304/08/16HQHI-F4/N
1080P 1.5U Turbo HD DVR

- 4/8/16-ch video & 4-ch audio input
- HDTV/analog/AHD/IP camera quadruple hybrid
- Full channel recording at 1080P resolution
- HDMI output at up to 1920×1080P resolution(DS-7304/08HQHI-F4/N), support CVBS output
- 4K UHD output (DS-7316HQHI-F4/N)
- Long transmission distance over coax cable
- 4 SATA, 1 eSATA, 3 USB2.0, gigabit NIC



DS-8104/08/16HQHI-F8/N
1080P 2U Turbo HD DVR

- 4/8/16-ch video & audio input
- HDTV/analog/AHD/IP camera quadruple hybrid
- Full channel recording at 1080P resolution
- HDMI output at up to 1920×1080P resolution(DS-8104/08HQHI-F8/N), support CVBS output
- 4K UHD output (DS-8116HQHI-F8/N)
- Long transmission distance over coax cable
- 8 SATA, 1 eSATA, 3 USB2.0, gigabit NIC



DS-8124/32 HGHI-SH
1080P 2U Turbo HD DVR

- 24/32-ch HD TVI/analog cameras video&audio input
- HD-TVI/analog/IP camera triple hybrid
- HD-TVI and analog cameras self-adaptive access
- Full channel@720P resolution real-time and 1080P no-real-time recording
- HDMI and VGA output at up to 1920×1080P resolution
- Long transmission distance over coax cable
- Dual Gigabit network interfaces
- 8 SATA, 1 eSATA, 3 USB2.0



DS-1H18
Video Balun



X41T
Camera Tester



DS-1H33
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