HIKVISION
HiWatch Series

HIKVISION HIWATCH SERIES

PROFESSIONAL SECURITY MADE SIMPLE

Catalog 2020

THE HIKVISION BRAND

Corporate Vision

Empower vision for the security and sustainable growth of the world

Corporate Mission

To explore innovative ways to better perceive and understand the world, to empower vision for decision-makers and practitioners and work together to enhance safety and advance sustainable development of the world

Corporate Values

- Dedication to clients' success
- Value oriented
- Integrity and down-to-earth
- Pursuit of excellence

Hikvision HiWatch Series

The Hikvision HiWatch is one of the Hikvision brands, that provides quality solutions to secure homes and small businesses with affordable, easily managed cameras, recorders, video intercoms, monitors, cables and switches.

HIKVISION AT A GLANCE

World's leading
provider of innovative security products and solutions

7-8%
Annual revenue invested in R&D

46
International subsidiaries and branch offices

16,000+
Employees worldwide

34,000+
R&D engineers

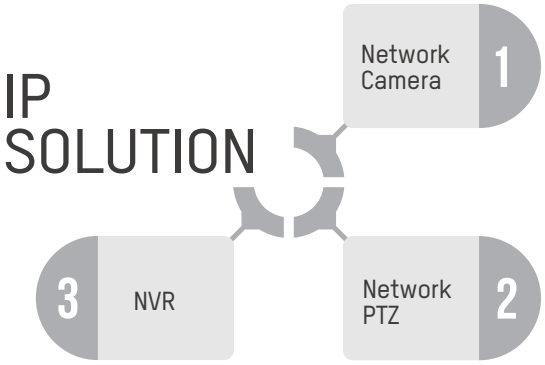
500+
Technology partners

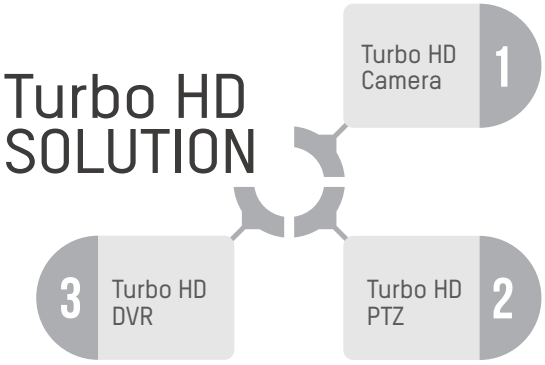
Hikvision products are used in
150+ countries and regions

HIKVISION

DIVERSE PRODUCT LINES FOR VARIOUS DEMANDS

HiWatch offers an extensive portfolio of products and solutions to meet the wide range of user demands.
IP Solution: Network Cameras, Network PTZ Cameras, NVRs
Turbo HD Solution: Turbo HD Cameras, Turbo HD PTZ Cameras, Turbo HD DVRs
Transmission: Switches, Coaxial Cables, Network Cables
Expect even more product lines under the Hiwatch brand in the near future.

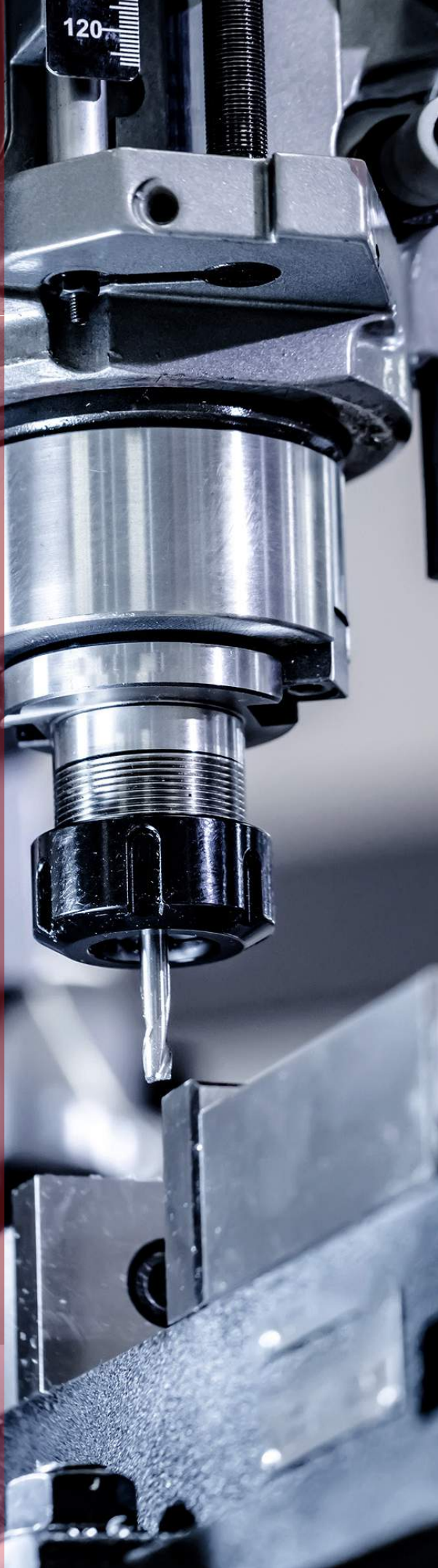




OUTSTANDING PRODUCT QUALITY

The superior cost-efficiency of HiWatch series products does not imply any compromise in product quality, which are guaranteed by:

- Over 80% automated manufacturing
- Options for more durable materials such as metal
- Comprehensive authoritative industry certifications
- Stringent tests for ingress protection, vandal resistance, aging, etc.



WDR

WIDE DYNAMIC RANGE FOR EXCELLENT IMAGING

Wide Dynamic Range (WDR) technology enables cameras to maintain image fidelity without detail loss when there is harsh backlighting. The 120 dB WDR integrated into Hiwatch's cameras ensures accurate on-screen color and detail even with backlit environments, where conventional cameras would capture only obscured silhouettes.

WDR off

WDR on

EXIR

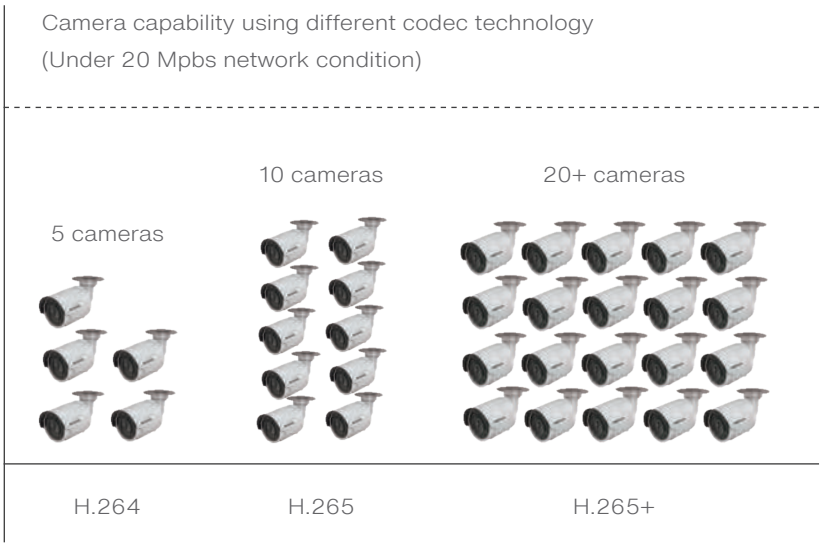
EXTENDED INFRARED POWER

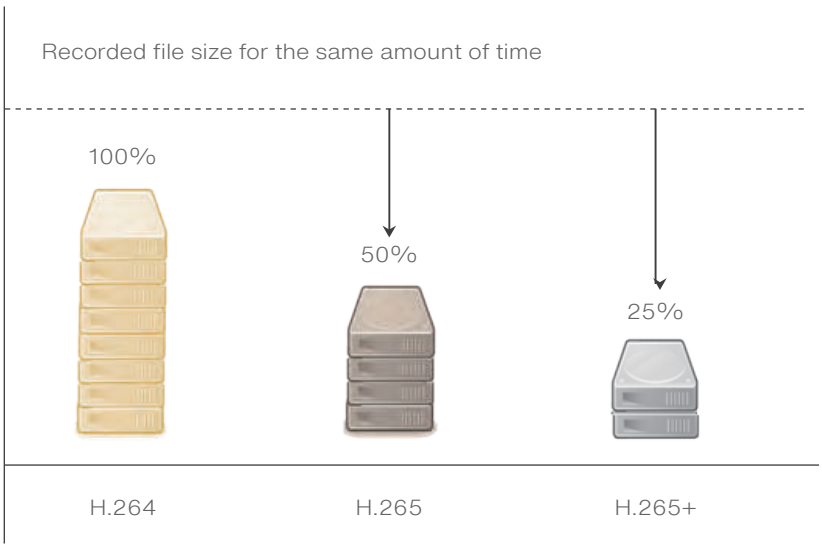
For 24-hour surveillance, at night, and in dark environments, infrared technology is essential. Hikvision's EXIR provides a higher luminous efficiency for infrared surveillance, improving images where and when it's critical. The amazing 130-foot (40-meter) range, combined with up to 5 MP super-HD imaging, makes EXIR the ultimate performer in demanding applications.

H.265+

HIKVISION'S OWN HIGH-EFFICIENCY CODEC

The H.265+ high-efficiency codec not only reduces bandwidth but also decreases storage requirements, improving overall system performance by up to 83%. Compared to H.265, H.265+ can double surveillance recording duration. And compared to H.264, it can support four times the number of video cameras – or more. HiWatch series saves you time and resources with H.265+.





Note: this test result is for reference only.

BUILT-IN MICROPHONE

Extendable interface ensures more flexibility in using the surveillance system.

Built-in Microphone

No external devices needed

EXIR

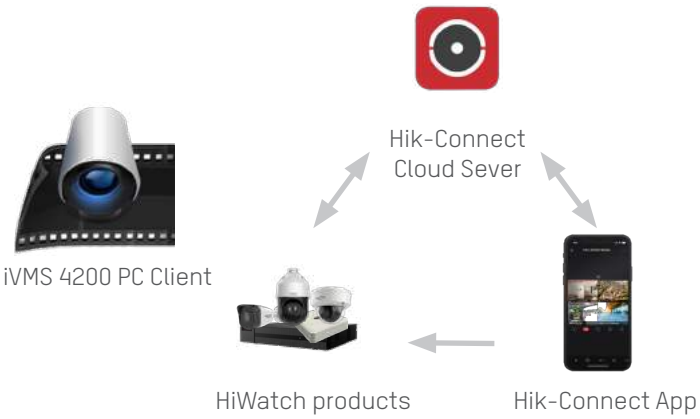
EXTENDED INFRA-RED POWER

For 24-hour surveillance, at night, and in dark environments, infra-red technology is essential. Hikvision's EXIR provides a higher luminous efficiency for infrared surveillance, improving images where and when it's critical. The amazing 30 metres range, combined with up to 4 MP super-HD imaging, makes EXIR the ultimate performer in demanding applications.

SOFTWARE MANAGEMENT

Hik-Connect, iVMS4200

iVMS 4200 PC Client and the Hik-Connect App allow end-users to connect to Hik-Connect Cloud Server for powerful device management. Users will enjoy live views from multiple cameras on a PC or via smartphone.



ULTRA LOW-LIGHT PERFORMANCE

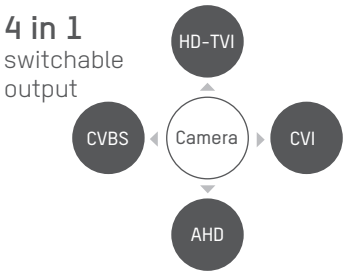
That dimly lit environment is no longer a problem with Hikvision's industry-leading, ultra low-light technology, ensuring rich and colourful images in low-light scenarios – even down to 0.005 lux.

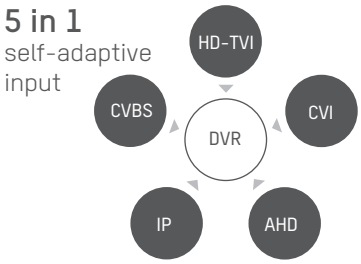
Camera with ultra low-light technology

Smart phone

SUPERIOR COMPATIBILITY

Wide compatibility with various components is critical to customers. That's why the HiWatch series has been designed to work with an extensive range of products for a multitude of application possibilities.





E-UI*

BRINGS EFFICIENCY WITH SIMPLE SETUP

Clear structure

Reduced and reorganised models

Efficient operation

One-click operations

Smart functions

Multi-channel clipping; no web plug-in

*Newly designed graphic user interface with easy recognized icons and simple operation flows.

LONGER TRANSMISSION DISTANCE

As any successful business grows, its need for extended security grows, too. Once a complete system has been installed, it's not very long before it needs to expand. Using our technology, your customers can manage much larger projects or extend existing ones with HD video while simultaneously increasing their transmission range. Users immediately find an increased transmission distance – up to nearly 4,000 feet (1,200 m) using existing coaxial cabling. The full value of the user's investment comes with HD 720p resolution, resulting in upgrades in both video quality and transmission distance at the same time.

**The maximum transmission distance is 2,625 feet (800 m) with HD 1080p resolution.*

DISCRETE CHANNEL OUTPUT TO TWO MONITORS

Select HiWatch series NVR models feature separate video channel output to two monitors at the same time through unique interfaces. This ensures monitoring of multiple channels simultaneously, and each channel can be displayed in a sub-window large enough for viewers to clearly see sharp image details.

Conventional channel output to one monitor

Discrete channel output to two monitors

HOME SOLUTION

To build up a system for a private house, you need to consider where to place the cameras, what kind of equipment should be applied and how to connect the devices. Now the HiWatch series provides the exact product range to your needs.

Indoor Security

HiWatch Wi-Fi series camera are incredibly easy to install and protect your house through the Hik-Connect mobile application.

Outdoor Security

For outdoor security, the PTZ camera is able to provide you the overview of the situation around your house and the bullet and dome camera with 4MP resolution can be installed at your garage or doorstep full stop. With these PoE cameras, cabling is easier than ever..

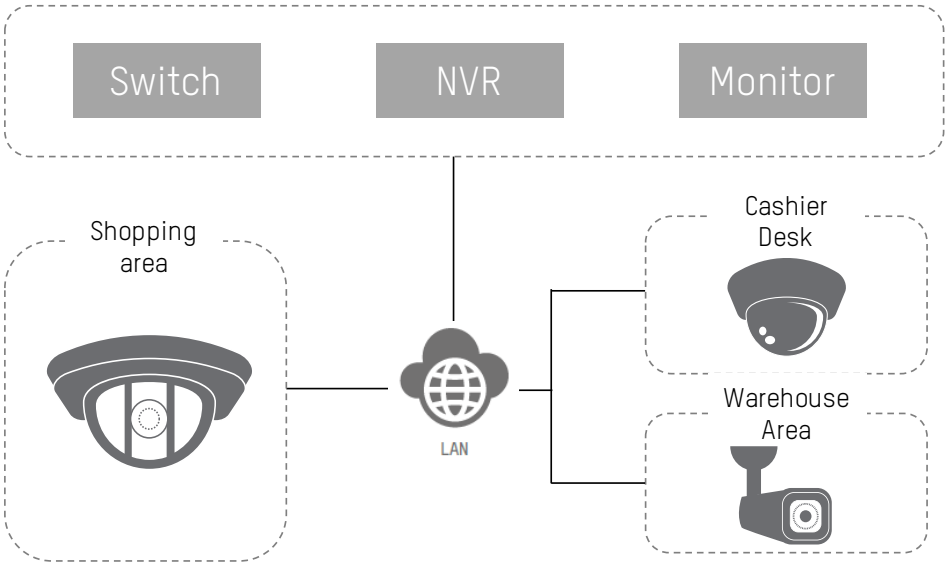
Storage and Network

HiWatch recorders store your recording 24/7, it supporting up to 32 channel cameras, and with Hikvision technology H.265+ we can save hard drive costs.

Video Intercom

On top of CCTV, HiWatch series also provide you with the 2-wire IP video intercomintercom, consisting of Door Station, Distributor and Indoor Station. Users are able to answer your call and release the door using the touch screen or even from the mobile application.

SMALL BUSINESS SOLUTION



For small business applications such as shops Users pharmacies, electronics accessories retailers, coffee shops and restaurants, owners can get a standard security system in a cost-effective way. The standard solution is simple and reliable, requires a modest outlay and guarantees excellent performance. It comprises out-of-the-box recording equipment and HD megapixel cameras with the option of local or remote real-time viewing.

IP SOLUTION

With an incredible cost-to-performance ratio, the HiWatch Series boasts the most advanced features for the price: the H.265+ high-efficiency codec for maximum bandwidth and data storage efficiency, up to 4 MP super-high-definition imaging, EXIR 2.0 for higher infrared luminous efficiency, and wide dynamic range to balance colour and brightness under harsh lighting conditions. HiWatch series is a whole new look for high-performance, cost-effective video surveillance for small-to-medium business applications.

IP CAMERA

HWI-B140H-M

4.0 MP IR Network Bullet Camera

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm/4 mm fixed lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67

HWI-B140H

4.0 MP IR Network Bullet Camera

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm/4 mm fixed lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67

HWI-B121H-M

2.0 MP IR Network Bullet Camera

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm/4 mm fixed lens
- H.265, H.264
- Dual stream
- Digtal WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67

HWI-B121H

2.0 MP IR Network Bullet Camera

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm/4 mm fixed lens
- H.265, H.264
- Dual stream
- Digtal WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67

HWI-B120H-U

2 MP IR Fixed Bullet Network Camera

- 1/2.7" Progressive Scan CMOS
- 1920 × 1080@30fps
- 2.8/4 mm fixed lens
- Colour: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR
- H.265, H.264
- BLC/3D DNR/ROI
- IR range: Up to 30 m
- 3-Axis adjustment
- IP66
- Built-in microphone

HWI-D140H-M

4.0 MP IR Network Dome Camera

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm/4 mm fixed lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67, IK10

HWI-D140H

4.0 MP IR Network Dome Camera

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm/4 mm fixed lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67, IK10

HWI-D121H-M

2.0 MP IR Network Dome Camera

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm/4 mm fixed lens
- H.265, H.264
- Dual stream
- Digtal WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67, IK10

HWI-D121H

2.0 MP IR Network Dome Camera

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm/4 mm fixed lens
- H.265, H.264
- Dual stream
- Digtal WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67, IK10

HWI-T240H

4.0 MP IR Network Turret Camera

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm/4 mm fixed lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP 67

HWI-T220H-U

2 MP IR Fixed Turret Network Camera

- 1/2.7" Progressive Scan CMOS
- 1920 × 1080@30fps
- 2.8/4 mm fixed lens
- Colour: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR
- H.265, H.264
- BLC/3D DNR/ROI
- IR range: Up to 30 m
- 3-Axis adjustment
- IP66

HWI-T221H

2.0 MP IR Network Turret Camera

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm/4 mm fixed lens
- H.265, H.264
- Dual stream
- Digtal WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- IP67
- PoE (Power over Ethernet)

HWI-B640H-V

4.0 MP EXIR VF Bullet Network Camera

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm to 12 mm varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- PoE (Power over Ethernet)
- IP67

HWI-B640H-Z

4.0 MP EXIR Motorised Bullet Network Camera

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm to 12 mm motorised varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- PoE (Power over Ethernet)
- IP67

HWI-B620H-V

2.0 MP EXIR VF Bullet Network Camera

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm to 12 mm varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- Digtal WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- PoE (Power over Ethernet)
- IP67

HWI-B620H-Z

2.0 MP EXIR Motorised Bullet Network Camera

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm to 12 mm motorised varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- Digtal WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- PoE (Power over Ethernet)
- IP67

HWI-B621H-V

2.0 MP EXIR VF Bullet Network Camera

- 1/2.8" Progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm to 8 mm manual varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 3D DNR (Digital Noise Reduction)
- Up to 20 m IR range
- PoE (Power over Ethernet)
- IP66
- Digital WDR (Wide Dynamic Range)
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB

HWI-B621H-Z

2.0 MP EXIR Motorised Bullet Network Camera

- 1/2.8" Progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm to 8 mm motorised varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 3D DNR (Digital Noise Reduction)
- Up to 20 m IR range
- PoE (Power over Ethernet)
- IP66
- Digital WDR (Wide Dynamic Range)
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB

HWI-D640H-V

4.0 MP VF Network Dome Camera

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm to 12 mm varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- PoE (Power over Ethernet)
- IP67, IK10

HWI-D640H-Z

4.0 MP Motorised Network Dome Camera

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm to 12 mm motorised varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- PoE (Power over Ethernet)
- IP67, IK10

HWI-D620H-V

2.0 MP VF Network Dome Camera

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm to 12 mm varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- Digital WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- PoE (Power over Ethernet)
- IP67, IK10

HWI-D620H-Z

2.0 MP Motorised Network Dome Camera

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm to 12 mm motorised varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- Digital WDR (Wide Dynamic Range) (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- PoE (Power over Ethernet) (Power over Ethernet)
- IP67, IK10

HWI-D720H-V

2.0 MP VF Network Dome Camera

- 1/2.8" Progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm to 8 mm manual varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 3D DNR (Digital Noise Reduction)
- Up to 20 m IR range
- PoE (Power over Ethernet)
- IP67, IK10
- EXIR

HWI-D720H-Z

2.0 MP Motorised Network Dome Camera

- 1/2.8" Progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm to 8 mm motorised varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 3D DNR (Digital Noise Reduction)
- Up to 20 m IR range
- PoE (Power over Ethernet)
- IP67, IK10
- EXIR

HWI-T641H-Z

4.0 MP IR Motorised Network Turret Camera

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm to 12 mm motorised varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 120dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67

HWI-T621H-Z

2.0 MP IR Motorised Network Turret Camera

- 1/2.7" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm to 12 mm motorised varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- Digtal WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67

HWI-B120-D/W

2 MP IR Fixed Bullet Wi-Fi Network Camera

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm fixed lens
- Digital WDR(Wide Dynamic Range)
- 3D DNR
- Up to 30 m IR range
- Built-in Wi-Fi
- Support on-board storage, up to 128GB
- Mobile monitoring via Hik-Connect
- IP66

HWC-C120-D/W

2.0 MP Network Cube Camera

- Up to 2.0 megapixel (1920 × 1080 @ 30 fps) high resolution
- Two video streams
- 2.0mm fixed lens
- H.265+,H.265,H.264+,H.264
- Digital Wide Dynamic Range
- 3D Digital Noise Reduction
- Built-in microphone and speaker, support two-way audio
- Support on-board storage, up to 256GB
- Up to 10 m IR range
- Built-in Wi-Fi
- 5 VDC ± 10 %, micro USB interface
- Mobile Monitoring via Hik-Connect

HWC-P120-D/W

2.0 MP Network PT Camera

- Up to 2.0 megapixel (1920 × 1080 @ 30 fps) high resolution
- Two video streams
- 2.0mm fixed lens
- H.265+,H.265,H.264+,H.264
- Digital Wide Dynamic Range
- 3D Digital Noise Reduction
- Built-in microphone and speaker, support two-way audio
- Support on-board storage, up to 256 GB
- Up to 10 m IR range
- Built-in Wi-Fi
- DC 5V ± 10 %, micro USB interface
- Mobile Monitoring via Hik-Connect

NETWORK PTZ

HWP-P332ZI-DE3

PanoVu Mini Series IR Network PTZ Camera

- Three 1/2.8" progressive scan CMOS
- 3-ch 1920 × 1080@30fps resolution
- Min. illumination: Colour: 0.05 Lux @(F2.0, AGC ON), B/W: 0.01 Lux @(F2.0, AGC ON), 0 Lux with IR
- Up to 10 m IR (radius)
- 4× optical zoom, 8× digital zoom
- Digital WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Support H.265 video compression
- Support ROI
- 12 VDC & PoE+ (802.3 at, class 4)

HWP-N4225IH-DE

2.0 MP 25× IR Network Speed Dome

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080@30fps resolution
- Min. illumination: Colour: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON), 0 Lux with IR
- Up to 100 m IR distance
- 25× optical zoom, 16× digital zoom
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Support H.265+/H.265 video compression
- Up to 24 programmable privacy masks
- Support ROI
- 12 VDC & PoE+ (802.3at, class4)

HWP-N4215IH-DE

2.0 MP 15× IR Network Speed Dome

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080@30fps resolution
- Min. illumination: Colour: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON), 0 Lux with IR
- Up to 100 m IR distance
- 15× optical zoom, 16× digital zoom
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Support H.265+/H.265 video compression
- Up to 24 programmable privacy masks
- Support ROI
- 12 VDC & PoE+ (802.3at, class4)

HWP-N2404IH-DE3

4.0 MP 4× IR Network PTZ Camera

- 1/3" progressive scan CMOS
- Up to 2560 × 1440@25fps resolution
- Min. illumination:Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON), 0 Lux with IR
- Up to 20 m IR distance
- 4× optical zoom, 16× digital zoom
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Support H.265+/H.265 video compression
- Support ROI
- 12 VDC & PoE
- IK10, IP66
- Bulid-in microphone

HWP-N2204IH-DE3

2.0 MP 4× IR Network PTZ Camera

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080@30fps resolution
- Min. illumination:Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON), 0 Lux with IR
- Up to 20 m IR distance
- 4× optical zoom, 16× digital zoom
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Support H.265+/H.265 video compression
- Support ROI
- 12 VDC & PoE
- IK10, IP66
- Bulid-in microphone

HWP-N1400IH-DE3

4.0 MP IR Network PTZ Camera

- 1/3" progressive scan CMOS
- Up to 2560 × 1440 @30fps resolution
- 2.8/4mm
- Min. illumination: Colour: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON), 0 Lux with IR
- Up to 15 m IR distance
- 16× digital zoom
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Support H.265+/H.265 video compression
- Support ROI
- 12 VDC, PoE (802.3af)
- IP66

HWP-N1200IH-DE3

2.0 MP IR Network PTZ Camera

- 1/3" progressive scan CMOS
- Up to 1920 × 1080@30fps resolution
- 2.8/4mm
- Min. illumination: Colour: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON), 0 Lux with IR
- Up to 15 m IR distance
- 16× digital zoom
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Support H.265+/H.265 video compression
- Support ROI
- 12 VDC, PoE (802.3af)
- IP66

HWP-N4215H-DE3

2.0 MP 15× Network Speed Dome

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080@30fps resolution
- Min. illumination: Colour: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux @(F1.6, AGC ON)
- 15× optical zoom, 16× digital zoom
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Support H.265+/H.265 video compression
- Up to 24 programmable privacy masks
- Support ROI
- 12 VDC & PoE+ (802.3at, class4)

NVR

HWN-4104MH

4 series 1HDD NVR

- MAX 8MP Input
- 1-ch @ 8 MP / 4-ch @ 1080p
- 1HDD
- H.265+
- MAX 4 IP Cameras connected
- HDMI/VGA simultaneous output
- HDMI Video output at up to 4K (3840×2160) resolution

HWN-4108MH

4 series 1HDD NVR

- MAX 8MP Input
- 1-ch @ 8 MP / 4-ch @ 1080p
- 1HDD
- H.265+
- MAX 8 IP Cameras connected
- HDMI and VGA independent outputs
- HDMI Video output at up to 4K (3840×2160) resolution

HWN-4116MH

4 series 1HDD NVR

- MAX 8MP Input
- 1-ch @ 8 MP / 4-ch @ 1080p
- 1HDD
- H.265+
- MAX 16 IP Cameras connected
- HDMI and VGA independent outputs
- HDMI Video output at up to 4K (3840×2160) resolution

HWN-4208MH-8P

4 series 2HDD POE NVR

- MAX 8MP Input
- 1-ch @ 8 MP / 4-ch @ 1080p
- 2HDD
- H.265+
- MAX 8 IP Cameras connected
- HDMI and VGA independent outputs
- HDMI Video output at up to 4K (3840×2160) resolution
- 8 POE

HWN-4216MH-16P

4 series 2HDD POE NVR

- MAX 8MP Input
- 1-ch @ 8 MP / 4-ch @ 1080p
- 2HDD
- H.265+
- MAX 16 IP Cameras connected
- HDMI and VGA independent outputs
- HDMI Video output at up to 4K (3840×2160) resolution
- 16 POE

HWN-4104MH-4P

4 series 1HDD POE NVR

- MAX 8MP Input
- 1-ch @ 8 MP / 4-ch @ 1080p
- 1HDD
- H.265+
- MAX 4 IP Cameras connected
- HDMI/VGA simultaneous output
- HDMI Video output at up to 4K (3840×2160) resolution
- 4 POE

HWN-4108MH-8P

4 series 1HDD POE NVR

- MAX 8MP Input
- 1-ch @ 8 MP / 4-ch @ 1080p
- 1HDD
- H.265+
- MAX 8 IP Cameras connected
- HDMI and VGA independent outputs
- HDMI Video output at up to 4K (3840×2160) resolution
- 8 POE

HWN-4208MH

4 series 2HDD NVR

- MAX 8MP Input
- 1-ch @ 8 MP / 4-ch @ 1080p
- 2HDD
- H.265+
- MAX 8 IP Cameras connected
- HDMI and VGA independent outputs
- HDMI Video output at up to 4K (3840×2160) resolution

HWN-4216MH

4 series 2HDD NVR

- MAX 8MP Input
- 1-ch @ 8 MP / 4-ch @ 1080p
- 2HDD
- H.265+
- MAX 16 IP Cameras connected
- HDMI and VGA independent outputs
- HDMI Video output at up to 4K (3840×2160) resolution

HWN-4232MH

2 series 1HDD NVR

- MAX 4MP Input
- 2-ch @ 8 MP (25fps) / 8-ch @ 1080p (30fps)
- 1HDD
- H.265+
- MAX 4 IP Cameras connected
- HDMI/VGA output at 1080p resolution

HWN-4232MH-16P

4 series 2HDD POE NVR

- MAX 8MP Input
- 2-ch @ 8 MP (25fps) / 8-ch @ 1080p (30fps)
- 2HDD
- H.265+
- MAX 32 IP Cameras connected
- HDMI and VGA independent outputs
- HDMI Video output at up to 4K (3840×2160) resolution
- 16 POE

HWN-2104MH-4P

2 series 1HDD POE NVR

- MAX 4MP Input
- 1-ch @ 6 MP / 4-ch @ 1080p
- 1HDD
- H.265+
- MAX 4 IP Cameras connected
- HDMI/VGA output at 1080p resolution
- 4 POE

HWN-2108MH-8P

2 series 1HDD POE NVR

- MAX 4MP Input
- 1-ch @ 6 MP / 4-ch @ 1080p
- 1HDD
- H.265+
- MAX 8 IP Cameras connected
- HDMI/VGA output at 1080p resolution
- 8 POE

HWN-2108MH-W

2 series 1 HDD Wifi NVR

- Max 4MP Input
- Up to 8 IP cameras
- 2-ch@1080p / 1-ch@4 MP
- 1 HDD
- H.265+
- IEEE 802.11b/g/n, 2.4 GHz
- HDMI/VGA output at 1080p resolution

HWN-2104H-4P

2 series 1HDD POE NVR

- MAX 4MP Input
- 1-ch @ 6 MP / 4-ch @ 1080p
- 1HDD
- H.265+
- MAX 4 IP Cameras connected
- HDMI/VGA output at 1080p resolution
- 4 POE

HWN-2104MH

2 series 1HDD NVR

- MAX 4MP Input
- 1-ch @ 6 MP / 4-ch @ 1080p
- 1HDD
- H.265+
- MAX 4 IP Cameras connected
- HDMI/VGA output at 1080p resolution

HWN-2108MH

2 series 1HDD NVR

- MAX 4MP Input
- 1-ch @ 6 MP / 4-ch @ 1080p
- 1HDD
- H.265+
- MAX 8 IP Cameras connected
- HDMI/VGA output at 1080p resolution

HWN-2104MH-W

2 series 1 HDD Wifi NVR

- Max 4MP Input
- Up to 4 IP cameras
- 2-ch@1080p / 1-ch@4 MP
- 1 HDD
- H.265+
- IEEE 802.11b/g/n, 2.4 GHz
- HDMI/VGA output at 1080p resolution

HWN-2104H

2 series 1HDD NVR

- MAX 4MP Input
- 1-ch @ 6 MP / 4-ch @ 1080p
- 1HDD
- H.265+
- MAX 4 IP Cameras connected
- HDMI/VGA output at 1080p resolution

HWN-2108H

2 series 1HDD NVR

- MAX 4MP Input
- 1-ch @ 6 MP / 4-ch @ 1080p
- 1HDD
- H.265+
- MAX 8 IP Cameras connected
- HDMI/VGA output at 1080p resolution

HWN-2108H-8P

2 series 1HDD POE NVR

- MAX 4MP Input
- 1-ch @ 6 MP / 4-ch @ 1080p
- 1HDD
- H.265+
- MAX 8 IP Cameras connected
- HDMI/VGA output at 1080p resolution
- 8 POE

Network KIT

HWK-N4142TH-MH

Network Kit

- Pre-installed 1TB HDD
- NVR: Metal
- Camera: Metal&Plastic
- 1 NVR HWN-2104MH-4P,
- 4 Camera: HWI-T221H
- 2-ch 1080P,or 1-ch 4MP
- Power:1pcs Power cable
- Cable: 4*18m network cable, cat5e
- Cable: 1 pcs 2m HDMI cable

HWK-N4142BH-MH

Network Kit

- Pre-installed 1TB HDD
- NVR: Metal
- Camera: Metal&Plastic
- 1 NVR HWN-2104MH-4P,
- 4 Camera: HWI-B121H
- 2-ch 1080P,or 1-ch 4MP
- Power:1pcs Power cable
- Cable: 4*18m network cable, cat5e
- Cable: 1 pcs 2m HDMI cable

HWK-N4142B-MH/W

Wi-Fi Kit

- Pre-installed 1TB HDD
- NVR: Metal
- Camera: Metal & Plastic
- 1 NVR HWN-2104MH-W,
- 4 Camera: HWI-B120-D/W,
- 2-ch 1080P,or 1-ch 4MP
- RJ45,Cat5e UTP,2m,Connect NVR and Switch
- HDMI cable, 2m, black

TURBO HD SOLUTION

With an incredible cost-to-performance ratio, the HiWatch Series boasts the most advanced features for the price. It offers the H.265 Pro+ high-efficiency codec for maximum bandwidth and data storage efficiency, up to 5 MP super-high-definition imaging, EXIR for higher infrared luminous efficiency, superior imaging performance in as little light as 0.005 lux, and PIR detection with strobe light alarm. The HiWatch Series is a whole new look for high-performance, cost-effective video surveillance for small-to-medium business applications.

Turbo HD Cameras

HWT-T140-P

4 MP EXIR Turret Camera

- 4 MP high-performance CMOS
- 2560×1440 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)

HWT-T120-P

2 MP EXIR Turret Camera

- 2 MP high-performance CMOS
- 1920×1080 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)

HWT-T110-P

1 MP EXIR Turret Camera

- 1 MP high-performance CMOS
- 1280×720 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)

HWT-T140

4 MP EXIR Turret Camera

- 4 MP high-performance CMOS
- 2560×1440 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T120

2 MP EXIR Turret Camera

- 2 MP high-performance CMOS
- 1920×1080 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T110

1 MP EXIR Turret Camera

- 1 MP high-performance CMOS
- 1280×720 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T140-M

4 MP EXIR Turret Camera

- 4 MP high-performance CMOS
- 2560×1440 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T120-M

2 MP EXIR Turret Camera

- 2 MP high-performance CMOS
- 1920×1080 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T110-M

1 MP EXIR Turret Camera

- 1 MP high-performance CMOS
- 1280×720 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T123-M

2 MP EXIR Turret Camera

- 2 MP high-performance CMOS
- Ultra low-light
- 1920×1080 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- OSD menu, 3D DNR (Digital Noise Reduction), 120 dB true WDR (Wide Dynamic Range), day/night switch
- EXIR 2.0, smart IR, up to 30 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T240-P

4 MP EXIR Turret Camera

- 4 MP high-performance CMOS
- 2560×1440 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T220-P

2 MP EXIR Turret Camera

- 2 MP high-performance CMOS
- 1920×1080 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T210-P

1 MP EXIR Turret Camera

- 1 MP high-performance CMOS
- 1280×720 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T240-M

4 MP EXIR Turret Camera

- 4 MP high-performance CMOS
- 2560×1440 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T220-M

2 MP EXIR Turret Camera

- 2 MP high-performance CMOS
- 1920×1080 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T210-M

1 MP EXIR Turret Camera

- 1 MP high-performance CMOS
- 1280×720 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T223-M

2 MP EXIR Turret Camera

- 2 MP high-performance CMOS
- Ultra low-light
- 1920×1080 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- OSD menu, 3D DNR (Digital Noise Reduction), 120 dB true WDR (Wide Dynamic Range), day/night switch
- EXIR 2.0, smart IR, up to 50 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B140-P

4 MP EXIR Bullet Camera

- 4 MP high-performance CMOS
- 2560 × 1440 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B120-P

2 MP EXIR Bullet Camera

- 2 MP high-performance CMOS
- 1920×1080 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B110-P

1 MP EXIR Bullet Camera

- 1 MP high-performance CMOS
- 1280×720 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B140-M

4 MP EXIR Bullet Camera

- 4 MP high-performance CMOS
- 2560×1440 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B120-M

2 MP EXIR Bullet Camera

- 2 MP high-performance CMOS
- 1920×1080 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B110-M

1 MP EXIR Bullet Camera

- 1 MP high-performance CMOS
- 1280×720 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B123-M

2 MP EXIR Bullet Camera

- 2 MP high-performance CMOS
- Ultra low-light
- 1920×1080 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- OSD menu, 3D DNR (Digital Noise Reduction), 120 dB true WDR (Wide Dynamic Range), day/night switch
- EXIR 2.0, smart IR, up to 30 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B240

4 MP EXIR Bullet Camera

- 4 MP high-performance CMOS
- 2560×1440 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B220

2 MP EXIR Bullet Camera

- 2 MP high-performance CMOS
- 1920×1080 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B210

1 MP EXIR Bullet Camera

- 1 MP high-performance CMOS
- 1280×720 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B240-M

4 MP EXIR Bullet Camera

- 4 MP high-performance CMOS
- 2560×1440 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B220-M

2 MP EXIR Bullet Camera

- 2 MP high-performance CMOS
- 1920×1080 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B210-M

1 MP EXIR Bullet Camera

- 1 MP high-performance CMOS
- 1280×720 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B223-M

2 MP EXIR Bullet Camera

- 2 MP high-performance CMOS
- Ultra low light
- 1920×1080 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed lens
- OSD menu, 3D DNR (Digital Noise Reduction), 120 dB true WDR (Wide Dynamic Range), day/night switch
- EXIR 2.0, smart IR, up to 50 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B320-VF

2 MP EXIR VF Bullet Camera

- 2 MP high-performance CMOS
- 1920×1080 resolution
- 2.8 mm to 12 mm varifocal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B323-Z

2 MP EXIR Motorised Bullet Camera

- 2 MP high-performance CMOS
- Ultra low-light
- 1920×1080 resolution
- 2.7 mm to 13.5 mm varifocal lens
- OSD menu, 3D DNR (Digital Noise Reduction), 120 dB true WDR (Wide Dynamic Range), day/night switch
- EXIR 2.0, smart IR, up to 70 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-D320-VF

2 MP EXIR VF Dome Camera

- 2 MP high-performance CMOS
- 1920×1080 resolution
- 2.8 mm to 12 mm vari-focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66, IK10

HWT-D323-Z

2 MP EXIR Motorised Dome Camera

- 2 MP high-performance CMOS
- Ultra low light
- 1920×1080 resolution
- 2.7 mm to 13.5 mm vari-focal lens
- OSD menu, 3D DNR (Digital Noise Reduction), 120 dB true WDR (Wide Dynamic Range), day/night switch
- EXIR 2.0, smart IR, up to 70 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66, IK10

HWT-B340-VF

4 MP EXIR VF Bullet Camera

- 4 MP high-performance CMOS
- 2560×1440 resolution
- 2.8 mm to 12 mm vari-focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-B310-VF

1 MP EXIR VF Bullet Camera

- 1 MP high-performance CMOS
- 1280×720 resolution
- 2.8 mm to 12 mm varifocal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-D340-VF

4 MP EXIR VF Dome Camera

- 4 MP high-performance CMOS
- 2560×1440 resolution
- 2.8 mm to 12 mm varifocal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66, IK10

HWT-D310-VF

1 MP EXIR VF Dome Camera

- 1 MP high-performance CMOS
- 1280×720 resolution
- 2.8 mm to 12 mm vari-focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66, IK10

HWT-T340-VF

4 MP EXIR VF Turret Camera

- 4 MP high-performance CMOS
- 2560×1440 resolution
- 2.8 mm to 12 mm vari-focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T320-VF

2 MP EXIR VF Turret Camera

- 2 MP high-performance CMOS
- 1920×1080 resolution
- 2.8 mm to 12 mm vari-focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T310-VF

1 MP EXIR VF Turret Camera

- 1 MP high-performance CMOS
- 1280×720 resolution
- 2.8 mm to 12 mm vari-focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 40 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

HWT-T323-Z

2 MP EXIR Motorised Turret Camera

- 2 MP high-performance CMOS
- Ultra low light
- 1920×1080 resolution
- 2.7 mm to 13.5 mm vari-focal lens
- OSD menu, 3D DNR (Digital Noise Reduction), 120 dB true WDR (Wide Dynamic Range), day/night switch
- EXIR 2.0, smart IR, up to 70 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

Turbo HD PTZ

HWP-T4225I-D

2 MP IR Turbo 4-Inch Speed Dome

- 1/2.8" HD progressive scan CMOS
- 1920×1080 resolution
- 25× optical zoom
- 120 dB true WDR (Wide Dynamic Range)
- Up to 100 m IR distance
- 3D intelligent positioning
- Switchable TVI/AHD/CVI/CVBS video output

HWP-T4215I-D

2 MP IR Turbo 4-Inch Speed Dome

- 1/2.8 HD progressive scan CMOS
- 1920×1080 resolution
- 15× optical zoom
- 120 dB true WDR (Wide Dynamic Range)
- Up to 100 m IR distance
- 3D intelligent positioning
- Switchable TVI/AHD/CVI/CVBS video output

HWP-T4215-D3

2 MP Turbo 4-Inch Speed Dome

- 1/2.8" HD progressive scan CMOS
- 1920×1080 resolution
- 15× optical zoom
- 120 dB true WDR (Wide Dynamic Range)
- 3D intelligent positioning
- Switchable TVI/AHD/CVI/CVBS video output

DVR

HWD-7104MH-G2(260)

5 MP/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.265 Pro+
- Support 5MP resolution input
- 1 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 4-ch HDTVI coaxial video & audio input

HWD-7108MH-G2(260)

8 MP/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.265 Pro+
- Support 8MP resolution input
- 1 HDD
- Simultaneous HDMI output at up to 4k (3840×2160) resolution/VGA (1920 × 1080) resolution
- 8-ch HDTVI coaxial video & audio input

HWD-6104MH-G2(B)

4 MP/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.265+
- Support 4MP resolution input
- 1 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 4-ch HDTVI coaxial video & audio input

HWD-6108MH-G2

4 MP/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.265+
- Support 4MP resolution input
- 1 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 8-ch HDTVI coaxial video & audio input

HWD-6208MH-G2

4 MP/2HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.265+
- Support 4MP resolution input
- 2 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 8-ch HDTVI coaxial video & audio input

HWD-6116MH-G2

4 MP/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.265+
- Support 4MP resolution input
- 1 HDD
- Simultaneous HDMI output at up to 4K (3840×2160) resolution/VGA (1920×1080) resolution
- 16-ch HDTVI coaxial video & audio input

HWD-6216MH-G2

4 MP/2HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.265+
- Support 4MP resolution input
- 2 HDD
- Simultaneous HDMI output at up to 4K (3840×2160) resolution/VGA (1920×1080) resolution
- 16-ch HDTVI coaxial video & audio input

HWD-5104M

4 MP/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.264+
- Support 1080p resolution input
- 1 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 4-ch HDTVI coaxial video & audio input

HWD-6224MH-G2

4 MP/2HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.265+
- Support 4MP resolution input
- 2 HDD
- Simultaneous HDMI output at up to 4K (3840×2160) resolution/VGA (1920×1080) resolution
- 24-ch Analog Video input, IP Input up to 32-ch

HWD-6232MH-G2

4 MP/2HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.265+
- Support 4MP resolution input
- 2 HDD
- Simultaneous HDMI output at up to 4K (3840×2160) resolution/VGA (1920×1080) resolution
- 32-ch Analog Video input, IP Input up to 40-ch

HWD-5104M

4 MP/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.264+
- Support 1080p resolution input
- 1 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 4-ch HDTVI coaxial video & audio input

HWD-5108M

1080P/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.264+
- Support 1080p resolution input
- 1 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 8-ch HDTVI coaxial video & audio input

HWD-5116M

1080P/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.264+
- Support 1080p resolution input
- 1 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 16-ch HDTVI coaxial video & audio input

HWD-5116MH-G2

1080P/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.265+
- Support 1080p resolution input
- 1 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 16-ch HDTVI coaxial video & audio input, IP Input up to 18-ch

HWD-5216MH-G2

1080P/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.265+
- Support 1080p resolution input
- 2 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 16-ch HDTVI coaxial video & audio input, IP Input up to 18-ch

HWD-5224MH-G2

1080P/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.265+
- Support 1080p resolution input
- 2 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 24-ch Analog Video input, IP Input up to 18-ch

HWD-5232MH-G2

1080P/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.265+
- Support 1080p resolution input
- 2 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 32-ch Analog Video input, IP Input up to 18-ch

HWD-5104

1080P/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.264+
- Support 1080p resolution input
- 1 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 4-ch HDTVI coaxial video & audio input

HWD-5108

1080P/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.264+
- Support 1080p resolution input
- 1 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 8-ch HDTVI coaxial video & audio input

HWD-5116

1080P/1HDD /5 in 1 Turbo HD DVR

- 5 in 1
- H.264+
- Support 1080p resolution input
- 1 HDD
- Simultaneous HDMI/VGA output at up to 1920×1080 resolution
- 16-ch Analogue Video input

Turbo HD KIT

HWK-T4141B-PP

Turbo HD KIT

- 720P
- DVR: HWD-5104
- Camera: 4 * HWT-T110-P
- Pre-Installed 1TB HDD
- Power for DVR and 4*Cameras:
- 1pcs Power cable
- 1pcs Power adaptor
- 1pcs Power transfer cable
- Cable: 4 * 18.3m (60ft) Video and power cable

HWK-T4141M-PP

Turbo HD KIT

- 720P
- DVR: HWD-5104
- Camera: 2 * HWT-T110-P + 2 * HWT-T110-P
- Pre-Installed 1TB HDD
- Power for DVR and 4*Cameras:
- 1pcs Power cable
- 1pcs Power adaptor
- 1pcs Power transfer cable
- Cable: 4 * 18.3m (60ft) Video and power cable

HWK-T4142BH-MP

Turbo HD KIT

- 1080P
- DVR: HWD-6104MH-G2(B)
- Camera: 4 * HWT-B120-P
- Pre-Installed 1TB HDD
- Power for DVR and 4*Cameras:
- 1pcs Power cable
- 1pcs Power adaptor
- 1pcs Power transfer cable
- Cable: 4 * 18.3m (60ft) Video and power cable

HWK-T4142MH-MP

Turbo HD KIT

- 1080P
- DVR: HWD-6104MH-G2(B)
- Camera: 2 * HWT-B120-P + 2 * HWT-T120-P
- Pre-Installed 1TB HDD
- Power for DVR and 4*Cameras:
- 1pcs Power cable
- 1pcs Power adaptor
- 1pcs Power transfer cable
- Cable: 4 * 18.3m (60ft) Video and power cable

HWK-T4144TH-MH

Turbo HD KIT

- 4MP
- DVR: HWD-6104MH-G2(B)
- Camera: 4 * HWT-T140
- Pre-Installed 1TB HDD
- Power for DVR and 4*Cameras:
- 1pcs Power cable
- 1pcs Power adaptor
- 1pcs Power transfer cable
- Cable: 4 * 18.3m (60ft) Video and power cable

HWK-T4144BH-MM

Turbo HD KIT

- 4MP
- DVR: HWD-6104MH-G2(B)
- Camera: 4 * HWT-B140-M
- Pre-Installed 1TB HDD
- Power for DVR and 4*Cameras:
- 1pcs Power cable
- 1pcs Power adaptor
- 1pcs Power transfer cable
- Cable: 4 * 18.3m (60ft) Video and power cable

HWK-T4142TH-MH

Turbo HD Kit

- 1080P
- DVR: HWD-6104MH-G2
- Camera: 4 * HWT-T120
- Pre-Installed 1TB HDD
- Power for DVR and 4*Cameras:
- 1pcs Power cable
- 1pcs Power adaptor
- 1pcs Power transfer cable
- Cable: 4*18.3m (60ft) Video and power cable

HWK-T4142BH-MM

Turbo HD Kit

- 1080P
- DVR: HWD-6104MH-G2
- 4 * HWT-B120-M
- Camera: Pre-Installed 1TB HDD
- Power for DVR and 4*Cameras:
- 1pcs Power cable
- 1pcs Power adaptor
- 1pcs Power transfer cable
- Cable: 4*18.3m (60ft) Video and power cable

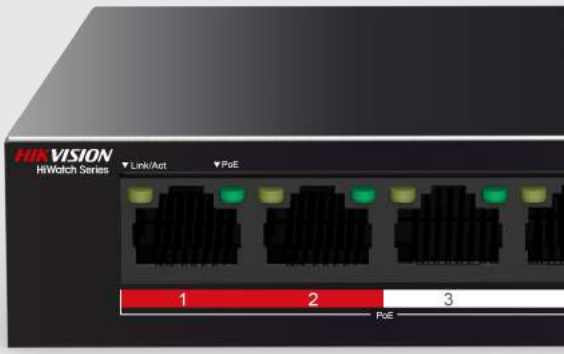
HWK-T4142MH-MH

Turbo HD Kit

- 1080P
- DVR: HWD-6104MH-G2(B)
- Camera: 2 * HWT-T120 + 2 * HWT-B120-M
- Pre-Installed 1TB HDD
- Power for DVR and 4*Cameras:
- 1pcs Power cable
- 1pcs Power adaptor
- 1pcs Power transfer cable
- Cable: 4 * 18.3m (60ft) Video and power cable

TRANSMISSION

With an incredible cost-to-performance ratio, HiWatch seriers cables and switches feature the most reliable performance for the price. The high-quality materials used in the network cables and coaxial cables make them extremely flame-resistant. The switches support a generous Power-over - Ethernet (PoE) distance – up to 250 metres – minimising both network investment and maintenance efforts. Additionally, their 8-core technology guarantees stable power to the switches.



Network Switches

HWS-0105P-35

Network Switch

- L2 Unmanaged
- 4 100M PoE port
- 1 100M uplink port
- 802.3af/at
- PoE power budget 35W
- Max 250m long distance transmission

HWS-0109P-58

Network Switch

- L2 Unmanaged
- 8 100M PoE port
- 1 100M uplink port
- 802.3af/at
- PoE power budget 58W
- Max 250m long distance transmission

HWS-0318P-135

Network Switch

- L2 Unmanaged
- 16 100M PoE port
- 1 1000M RJ45
- 1 1000M SFP
- 802.3af/at
- PoE power budget 135W
- "Extend" Mode: Port 9-16
- Max 250m long distance transmission

HWS-0326P-225

Network Switch

- L2 Unmanaged
- 24 100M PoE port
- 1 1000M RJ45
- 1 1000M SFP
- 802.3af/at
- PoE power budget 225W
- "Extend" Mode: Port 17-24 250m

Network Cables

HWC-6AU-W

Network Cables

- CAT6
- 0.585mm
- 305m
- CCA
- Transmission distance upto 85m
- CPR certificate white

Coaxial Cables

HWC-CA-200B

Coaxial Cables

- RG59 Cable
- 200m
- Conductor material OFC (Oxygen Free Copper)
- Braiding material CCA
- VW-1 flame retardant rating
- Excellent anti-interference and anti-aging performance

HWC-CA2C-200B

Coaxial Cables

- RG59 Cable
- 200m
- Conductor material OFC (Oxygen Free Copper)
- Braiding material CCA
- Copper material
- VW-1 flame retardant rating
- Excellent anti-interference and anti-aging performance

Monitors

HWM-P22F

Monitors

- 21.5" 1080P
- HDMI/VGA input
- View angle: 170°/160°
- Plastic casing
- ERP level A
- VESA
- Base bracket included
- HDMI cable included

VIDEO INTERCOM

With a healthy list of features, this Video Intercom System provides the latest in residential security with high-definition imaging and convenient installation for the consumer market. When replacing outdated or non-functioning equipment, this hi-tech visual communication system uses existing wiring for simple, speedy and economic installation. This advanced design features vivid video synchronisation signals and exceeds powe and audio transmission expectations.

2-Wire IP Video Intercom

HWV-V8103-IME2

2-Wire IP Video Intercom

- 1080P 2-wire door station
- Fisheye camera
- Low illumination
- IP65
- Vandal-proof metal
- IR Supplement
- One-touch call indoor station
- 2-wire interface
- 2 Lock control
- RS-485
- Powered by DS-KAD709

HWV-H8340-TCE2

2-Wire IP Video Intercom

- 7-Inch colourful TFT LCD
- Capacitive Touch Screen
- Touch Button
- Display resolution: 1024x600
- 2-wire interface
- Wall mounting
- Supports monitoring the door station and the external IP camera
- Powered by DS-KAD709

HWV-AD709

2-Wire IP Video Intercom

- 1 RJ-45 Interface
- 9 2-wire Interface
- Reset button
- Wall mounting
- 24VDC

HWV-K701

2-Wire IP Video Intercom

- HWV-V8103-IME2 x1
- DS-KH8340-TCE2 x1
- DS-KAD709 x1
- Includes DIN rail power

Doorbells

HWK-8112-IM

Doorbell

- Vandal-Proof Standard PoE Doorbell
- 1.3 MP IP Vandal-resistant Door Station
- 80° (Horizontal) and 44° (Vertical)
- Field of view adjustment -50° to 50°
- 10/100 Mbps Self-Adaptive Ethernet
- PoE (Power over Ethernet)
- IR Supplement
- IR Distance: 5m
- IK 9 and IP 66

HWV-B6403-WIP

Doorbell

- Wi-Fi Doorbell (12VDC)
- CMOS 2MP HD Colourful Camera 180° (Horizontal)
- 1 Call Button
- 1 Reset Button
- 1 Wireless Interface (Wireless Network Card) Supporting 2.4 GHz
- IR Supplement
- IR Distance: 5m
- Power supply: 12VDC

HIKVISION HIWATCH SERIES CATALOG 2020
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