HIKVISION

PRO

2016 QUICKGUIDE

www.hikvision.com

WORLD'S No. 1 IN CCTV

OVER 53% C.A.G.R.
IN THE PAST 10 YEARS

OVER 16% OF WORLD
MARKET SHARE

OVER 6,000
R&D ENGINEERS

REGIONAL OFFICES
WORLDWIDE

POWER IN NUMBERS

Hikvision specializes in the design and production of video surveillance products and technology, from analog and IP video cameras to DVR, HVR and NVR, to video management software.
With over 16,000 employees worldwide, 6,000 of whom are R&D engineers, it has expanded from China to become a global player with 14 country branches across the world.
Hikvision closed 2015 with a turnover of 3.88 billion dollars, an annual growth rate of 47%, and a C.A.G.R. (Compound Annual Growth Rate) over the last ten years of 53%.
Impressive figures indeed, an indication of an organization whose focus is on results, confirming its position as global leader in video surveillance and related products and innovative solutions.
Hikvision's continued growth is a result not only of its ample capacity for innovation and its range of integrated vertical solutions, but also of its excellent quality of manufacture and the expansion of its sales network on a global level, reflecting its commitment to meeting the needs of the market. In 2015, the company invested 8% of its annual turnover in Research and Development, looking to the future and to guaranteeing that its clients are able to avail of innovative products and vertical solutions for the continuously evolving demands of the Security sector.
Hikvision stands as a sound, reliable, and innovative partner and a guarantee that clients' and end users' medium and long term investments are safe. The company is always at the client's side, providing specialized support and products that are perfectly in tune with expectations.

A SOLID PARTNER

To our channel partners and end users, economic strength and financial know-how are synonymous with stability and continuity.
A guarantee of long-lasting partnerships and secure investments.
Because solidity means Security.

A FOCUSED PARTNER

A company created to produce security, that knows its market and invests in its technologies and applications.
A company dedicated to the professionals in the sector and which has made security the sole focus of its business.
Because focus means Security.

AN INNOVATIVE PARTNER

Research and Development and the capacity to generate cutting edge technologies.
By listening carefully, we respond to clients' real needs and the demands of diverse markets. Delivered by 6,000 engineers dedicated to innovation.
Because innovation means Security.

A TRUSTABLE PARTNER

High production capacity combined with the quality ensured by regular stringent controls. Customer focus and assistance during every phase. Loyal, long-lasting partnerships are built on reliability and reputation.
Because trust means Security.

AN EVER-PRESENT PARTNER

An extensive team working the length and breadth of Europe. A well-oiled logistics machine guaranteeing fast and accurate delivery. Ever-ready, highly professional technical assistance that is the mark of the quality of our service from the Vendor to the System Integrator to the Final Client.
Because presence means Security.

HIKVISION'S RANGE OF PRODUCTS

Hikvision offers a complete range of analog and hybrid DVRs and professional NVRs that allow the seamless integration of Internet-based and networking technologies into video surveillance solutions. Hikvision's digital video recording platform is the idealsolution to create the most innovative CCTV architectures, both analog and IP-based.

iVMS: iNTELLIGENT VIDEO MANAGEMENT SOFTWARE

From Analog to IP - from Entry-Level to High-End

iVMS-4200 & iVMS-5200

Software Client for the vertical management of the entire range of Hikvision analog and IP products. Up to 256 devices (IP addresses), 4 monitor outputs, live and playback sessions, graphic maps with alert system, pop-up cameras, event logs, remote configuration and a multi-lever user management.

iVMS-4200 STORAGE SERVER

Application Software for recording video streams onto your PC with redundant image data storage and effective scalability of analog and IP solutions.

iVMS-4500

Software Client for centralized management on Android and iOS powered smartphones and tablets.

IPC NEW

Model	DS-2CD2022WD-I	DS-2CD2042WD-I	DS-2CD2052-I	DS-2CD2122FWD-IS	DS-2CD2142FWD-IS	DS-2CD2152F-IS
Image Sensor	1/2.8 Progressive Scan CMOS	1/3 Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR
Lens option and Horizontal Angle of View	90° (4mm), 53.9° (6mm)	83° (4mm), 55.4° (6mm)	70° (4mm), 43.3° (6mm)	109.4° (2.8mm), 90° (4mm)	106° (2.8mm), 83° (4mm)	70° (4mm), 43.3° (6mm)
Pan/Tilt/Rotation	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0-355°	Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0-355°	Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0-355°
Day/Night	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch
BLC/WDR	Yes, zone configurable/120dB	Yes, zone configurable/120dB	Yes/Digital	Yes, zone optional/120dB	Yes, zone optional/120dB	Yes/Digital
IR Range (meters)	Up to 30 meters	Up to 30 meters	Up to 30 meters	Up to 30 meters	Up to 30 meters	Up to 30 meters
Video Compression	H.264 / MJPEG/H.264+	H.264 / MJPEG/H.264+	H.264 / MJPEG/H.264+	H.264 / MJPEG/H.264+	H.264 / MJPEG/H.264+	H.264 / MJPEG/H.264+
Max. Image Resolution (pixels)	1920 × 1080	2688×1520	2560x1920	1920 × 1080	2688×1520	2560x1920
Frame Rate (fps)	50Hz: 25fps (1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720)	50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720)	50Hz: 20fps (2560x1920), 25fps(2048×1536), 25fps(1920x1080)	50Hz: 25fps (1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720)	50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720)	50Hz: 20fps (2560x1920), 25fps(2048×1536), 25fps(1920x1080)
Multistreaming	Dual	Dual	Dual	Dual	Dual	Dual
smart Features	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite
Audio Input/Output	N/A	N/A	N/A	1/1	1/1	1/1
Alarm Input/Output	N/A	N/A	N/A	1/1	1/1	1/1
Local Storage	N/A	N/A	N/A	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Other features	IP66	IP66	IP66	IP66 IK10	IP66 IK10	IP66 IK10
Operating Conditions	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)
Power Requirements	12 V DC ± 10% PoE (802.3af), Max. 5 W	12 V DC ± 10% PoE (802.3af), Max. 5 W	12 V DC ± 10% PoE (802.3af), Max. 5 W	12 V DC ± 10% PoE (802.3af), Max. 5 W	12 V DC ± 10% PoE (802.3af), Max. 5 W	12 V DC ± 10% PoE (802.3af), Max. 5 W

IPC NEW

Model	DS-2CD2322WD-I	DS-2CD2342WD-I	DS-2CD2352-I	DS-2CD2422FWD-IW	DS-2CD2442FWD-IW	DS-2CD2452F-IW
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.07Lux @(F1.2,AGC ON) B/W: 0 lux with IR
Lens option and Horizontal Angle of View	109.4° (2.8mm), 90° (4mm), 53.9° (6mm), 24.3° (12mm)	106° (2.8mm), 83° (4mm)	70° (4mm), 43.3° (6mm)	106°(2.8mm), 85°(4mm), 52°(6mm)	109.4° (2.8mm), 90° (4mm)	109.4° (2.8mm), 90° (4mm)
Pan/Tilt/Rotation	Pan:0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°	Pan:0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°	Pan:0° - 360°, Tilt: 0° - 75°, Rotation: 0° - 360°	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning
Day/Night	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch
BLC/WDR	Yes, zone optional/120dB	Yes, zone optional/120dB	Yes/Digital	Yes, zone optional/120dB	Yes, zone optional/120dB	No/Digital
IR Range (meters)	Up to 30 meters	Up to 30 meters	Up to 30 meters	Up to 10 meters	Up to 10 meters	Up to 10 meters
Video Compression	H.264 / MJPEG/H.264+	H.264 / MJPEG/H.264+	H.264 / MJPEG/H.264+	H.264 / MJPEG/H.264+	H.264 / MJPEG/H.264+	H.264 / MJPEG/H.264+
Max. Image Resolution (pixels)	1920 × 1080	2688 × 1520	2560x1920	1920 × 1080	2688×1520	2560x1920
Frame Rate (fps)	50Hz: 25fps (1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720)	50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720)	50Hz: 20fps (2560x1920), 25fps(2048×1536), 25fps(1920x1080)	50Hz: 25fps (1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720)	50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720)	50Hz: 20fps (2560x1920), 25fps(2048×1536), 25fps(1920x1080)
Multistreaming	Dual	Dual	Dual	Dual	Dual	Dual
Vsmart Features	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite
Audio Input/Output	N/A	N/A	N/A	Built-in Mic	Built-in Mic	Built-in Mic
Alarm Input/Output	N/A	N/A	N/A	1/1	1/1	1/1
Local Storage	N/A	N/A	N/A	Micro SD/SDHC/SDXC card slot, up to 128 GB	Micro SD/SDHC/SDXC card slot, up to 128 GB	Micro SD/SDHC/SDXC card slot, up to 128 GB
Other features	IP66	IP66	IP66	Wi-Fi (802.11b/g/n) support PIR detector	Wi-Fi (802.11b/g/n) support PIR detector	Wi-Fi (802.11b/g/n) support PIR detector
Operating Conditions	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)
Power Requirements	12 V DC ± 10% PoE (802.3af), Max. 5.5 W (Max. 7.5W)	12 V DC ± 10% PoE (802.3af), Max. 5.5 W (Max. 7.5W)	12 V DC ± 10% PoE (802.3af), Max. 7.5 W	12 V DC ± 10% PoE (802.3af), Max. 5 W	12 V DC ± 10% PoE (802.3af), Max. 5 W	12 V DC ± 10% PoE (802.3af), Max. 5 W

IPC NEW

Model	DS-2CD2522FWD-IS(-IWS)	DS-2CD2542FWD-IS(-IWS)	DS-2CD2552F-IS(-IWS)	DS-2CD2622FWD-IS(-IZS)	DS-2CD2642FWD-IS(-IZS)	DS-2CD2652F-IS(-IZS)
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS
Min. Illumination	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2,AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2,AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2,AGC ON) B/W: 0 lux with IR
Lens option and Horizontal Angle of View	109.4° (2.8mm), 90° (4mm)	106° (2.8mm), 83° (4mm)	70° (4mm),43.3°(6mm)	106°- 35° -IZS: Motorized zoom	112°- 33.8° -IZS: Motorized zoom	91.2°-28.3° -IZS: Motorized zoom
Pan/Tilt/Rotation	Pan:-30° - 30°, Tilt: 0° - 75°, Rotation: 0° - 360°	Pan:-30° - 30°, Tilt: 0° - 75°, Rotation: 0° - 360°	Pan:-30° - 30°, Tilt: 0° - 75°, Rotation: 0° - 360°	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning
Day/Night	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch
BLC/WDR	Yes, zone optional/120dB	Yes, zone optional/120dB	Yes/Digital	Yes, zone optional/120dB	Yes, zone optional/120dB	Yes/Digital
IR Range (meters)	Up to 10 meters	Up to 10 meters	Up to 10 meters	Up to 30 meters	Up to 30 meters	Up to 30 meters
Video Compression	H.264 / MJPEG/H.264+	H.264 / MJPEG/H.264+	H.264 / MJPEG/H.264+	H.264/MJPEG/H.264+	H.264/MJPEG/H.264+	H.264/MJPEG/H.264+
Max. Image Resolution (pixels)	1920 × 1080	2688×1520	2560x1920	1920 × 1080	2688×1520	2560x1920
Frame Rate (fps)	50Hz: 25fps (1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720)	50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720)	50Hz: 20fps (2560x1920), 25fps(2048×1536), 25fps(1920x1080)	50Hz: 25fps (1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720)	50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720)	50Hz: 20fps (2560x1920), 25fps(2048×1536), 25fps(1920x1080)
Multistreaming	Dual	Dual	Dual	Dual	Dual	Dual
Vsmart Features	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite
Audio Input/Output	1/1	1/1	1/1	1/1	1/1	1/1
Alarm Input/Output	1/1	1/1	1/1	1/1	1/1	1/1
Local Storage	Micro SD/SDHC/SDXC card slot, up to 128 GB	Micro SD/SDHC/SDXC card slot, up to 128 GB	Micro SD/SDHC/SDXC card slot, up to 128 GB	Micro SD/SDHC/SDXC card slot, up to 128 GB	Micro SD/SDHC/SDXC card slot, up to 128 GB	Micro SD/SDHC/SDXC card slot, up to 128 GB
Other features	IP66 IK08 -IWS: Wi-Fi (802.11b/g/n)	IP66 IK08 -IWS: Wi-Fi (802.11b/g/n)	IP66 IK08 -IWS: Wi-Fi (802.11b/g/n)	IP66	IP66	IP66
Operating Conditions	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)
Power Requirements	12 V DC ± 10% PoE (802.3af), Max. 5 W	12 V DC ± 10% PoE (802.3af), Max. 5 W	12 V DC ± 10% PoE (802.3af), Max. 5 W	12 V DC ± 10% PoE (802.3af), Max. 7.5 W	12 V DC ± 10% PoE (802.3af), Max. 7.5 W	12 V DC ± 10% PoE (802.3af), Max. 7.5 W

IPC NEW

Model	DS-2CD2722FWD-IS(-IZS)	DS-2CD2742FWD-IS(-IZS)	DS-2CD2752F-IS(-IZS)	DS-2CD2942F-IS	DS-2CD2F22FWD-IWS	DS-2CD2F42FWD-IWS
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01lux @ (F1.2,AGC ON) B/W: 0 lux with IR	Color: 0.01lux @ (F1.2,AGC ON) B/W: 0 lux with IR	Color: 0.01lux @(F1.2,AGC ON) B/W: 0 lux with IR	Color: 0.01lux @ (F1.2,AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR
Lens option and Horizontal Angle of View	106°- 35°(2.8 - 12mm) -IZS: Motorized zoom	112°- 33.8°(2.8 - 12mm) -IZS: Motorized zoom	91.2°-28.3°(2.8 - 12mm) -IZS: Motorized zoom	186°(1.6mm)	109.4° (2.8mm), 90° (4mm)	106° (2.8mm), 83° (4mm)
Pan/Tilt/Rotation	Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°	Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°	Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0° - 355°	N/A	Pan: -90° ~ 90°, Tilt: 0° ~ 75°	Pan: -90° ~ 90°, Tilt: 0° ~ 75°
Day/Night	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch
BLC/WDR	Yes, zone optional/120dB	Yes, zone optional/120dB	Yes/Digital	Yes/No	Yes, zone optional/120dB	Yes, zone optional/120dB
IR Range (meters)	Up to 30 meters	Up to 30 meters	Up to 30 meters	Up to 8 meters	Up to 10 meters	Up to 10 meters
Video Compression	H.264/MJPEG/H.264+	H.264/MJPEG/H.264+	H.264/MJPEG/H.264+	H.264/MJPEG	H.264/MJPEG/H.264+	H.264 / MJPEG/H.264+
Max. Image Resolution (pixels)	1920 × 1080	2688×1520	2560x1920	2560 × 1440	1920 × 1080	2688×1520
Frame Rate (fps)	50Hz: 25fps (1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720)	50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720)	50Hz: 20fps (2560x1920), 25fps(2048×1536), 25fps(1920x1080)	50Hz: 12.5fps(2560 × 1440), 25fps(1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720)	50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720)
Multistreaming	Dual	Dual	Dual	N/A	Dual	Dual
Vsmart Features	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite	Basic Smart Suite	Basic smart suite
Audio Input/Output	1/1	1/1	1/1	1/1	1/1	1/1
Alarm Input/Output	1/1	1/1	1/1	1/1	1/1	1/1
Local Storage	Micro SD/SDHC/SDXC card slot, up to 128 GB	Micro SD/SDHC/SDXC card slot, up to 128 GB	Micro SD/SDHC/SDXC card slot, up to 128 GB	Micro SD/SDHC/SDXC card slot, up to 128 GB	Micro SD/SDHC/SDXC card slot, up to 128 GB	Micro SD/SDHC/SDXC slot, up to 128 GB
Other features	IP66 IK10	IP66 IK10	IP66 IK10	--- ---	Wi-Fi (802.11b/g/n)	Wi-Fi (802.11b/g/n)
Operating Conditions	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-10 °C – 40 °C Humidity 95% or less (non-condensing)	-10 °C – 40 °C Humidity 95% or less (non-condensing)	-10 °C – 40 °C Humidity 95% or less (non-condensing)
Power Requirements	12 V DC ± 10% PoE (802.3af), Max. 7.5 W	12 V DC ± 10% PoE (802.3af), Max. 7.5 W	12 V DC ± 10% PoE (802.3af), Max. 7.5 W	12 V DC ± 10% PoE (802.3af), Max. 5.55 W	12 V DC ± 10% PoE (802.3af), Max. 9W	12 V DC ± 10% PoE (802.3af), Max. 9W

IPC NEW

Model	DS-2CD2F52F-IWS	DS-2CD2T22WD-I3(-I5)(-I8)	DS-2CD2T42WD-I3(-I5)(-I8)	DS-2CD2T52-I5(-I8)	DS-2CD4212FWD-IZS(-IZHS)
Image Sensor	1/3" Progressive Scan CMOS	1/2.8'' Progressive Scan CMOS	1/3'' Progressive Scan CMOS	1/3'' Progressive Scan CMOS	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR	Color: 0.01Lux @ (F1.2, AGC ON) B/W: 0 lux with IR
Lens option and Horizontal Angle of View	70° (4mm), 43.3°(6mm)	-I3: 90° (4mm) -I5: 90° (4mm), 53.9° (6mm) -I8: 53.9° (6mm)	-I3: 83° (4mm) -I5: 83° (4mm), 55.4° (6mm) -I8: 55.4° (6mm)	-I5: 83° (4mm), 55.4° (6mm) -I8: 55.4° (6mm)	98.4°-30.2°(2.8 - 12mm)
Pan/Tilt/Rotation	Pan: -90° ~ 90°, Tilt: 0° ~ 75°	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning
Day/Night	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch	IR cut filter with auto switch
BLC/WDR	Yes/Digital	Yes, zone optional/120dB	Yes, zone optional/120dB	Yes/Digital	Yes, zone optional/120dB
IR Range (meters)	Up to 10 meters	-I3: 30 meters -I5: 50 meters -I8: 80 meters	-I3: 30 meters -I5: 50 meters -I8: 80 meters	-I5: 50 meters -I8: 80 meters	Up to 30 meters
Video Compression	H.264 / MJPEG/H.264+	H.264/MJPEG/H.264+	H.264/MJPEG/H.264+	H.264/MJPEG/H.264+	H.264/MJPEG/H.264+
Max. Image Resolution (pixels)	2560x1920	1920 × 1080	2688×1520	2560x1920	1280 × 960
Frame Rate (fps)	50Hz: 20fps (2560x1920), 25fps(2048×1536), 25fps(1920x1080)	50Hz: 25fps (1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720)	50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720)	50Hz: 20fps (2560x1920), 25fps(2048×1536), 25fps(1920x1080)	50Hz: 25fps (1280 × 960), 50fps (1280 × 720)
Multistreaming	Dual	Dual	Dual	Dual	Triple
Vsmart Features	Basic smart suite	Basic smart suite	Basic smart suite	Basic smart suite	Smart suite
Audio Input/Output	1/1	N/A	N/A	N/A	1/1
Alarm Input/Output	1/1	N/A	N/A	N/A	1/1
Local Storage	Micro SD/SDHC/SDXC slot, up to 128 GB	N/A	N/A	N/A	Micro SD/SDHC/SDXC slot, up to 128 GB
Other features	Wi-Fi (802.11b/g/n)	IP66	IP66	IP66	IP66 -IZHS: build-in heater
Operating Conditions	-10 °C – 40 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C Humidity 95% or less (non-condensing)	-30 °C – 60 °C / -40 °C -60 °C (-IZHS) Humidity 95% or less (non-condensing)
Power Requirements	12 V DC ± 10% PoE (802.3af), Max. 9W	12V DC±10% PoE (802.3af), Max. 10.5W	12V DC±10%, PoE (802.3af) Max. 10.5W	12V DC±10% PoE (802.3af), Max. 10.5W	12V DC±10% PoE (802.3af), Max. 10.5W

ANALOG CAMERAS NEW

Model	DS-2CC12D9T-A	DS-2CE16C5T-AVFIR3	DS-2CE16D5T-IR	DS-2CE16D5T-IT3(-IT5)	DS-2CE16D5T-VFIT3(-AVFIT3)
Image Sensor	2MP CMOS Image Sensor	1.27MP CMOS Image Sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor
Min. Illumination	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0.001 Lux	Color: 0.001lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR
Lens option and Horizontal Angle of View	---	92° - 29.3° 2.8-12mm @ F1.4	82.6° 3.6mm @ F1.2	-IT3:103.5° (2.8mm), 82.6° (3.6mm), -IT5: 82.6° (3.6mm),54.4° (6mm)	103° - 32.1° 2.8-12mm @ F1.4
Pan/Tilt/Rotation	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°
Day/Night	ICR	ICR	ICR	ICR	ICR
BLC/WDR	Yes/120dB	No/Digital	Yes/120dB	Yes/120dB	Yes/120dB
IR Range (meters)	---	Up to 40 meters	Up to 20 meters	-IT3: 40 meters -IT5: 80 meters	Up to 50meters
Video Out	HD-TVI/CVBS-(Dual)	HD-TVI/CVBS-(Dual)	HD-TVI/CVBS-(Dual)	HD-TVI/CVBS-(Dual)	HD-TVI/CVBS-(Dual)
Max. Image Resolution (pixels)	1944(H)x1092(V)	1305(H)x977(V)	1944(H)x1092(V)	1944(H)x1092(V)	1944(H)x1092(V)
Frame Rate (fps)	50Hz: 25fps @1080P	50Hz: 25fps @720P	50Hz: 25fps @1080P	50Hz: 25fps @1080P	50Hz: 25fps @1080P
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal
Other features	---	IP66	IP66	IP66	IP66
Operating Conditions	-30 °C – 60 °C Humidity 90% (non-condensing)	-30 °C – 60 °C Humidity 90% (non-condensing)	-30 °C – 60 °C Humidity 90% (non-condensing)	-30 °C – 60 °C Humidity 90% (non-condensing)	-30 °C – 60 °C Humidity 90% (non-condensing)
Power Requirements	12 VDC±15%, 24 VAC±15% Max. 4.5W	12 VDC±15%, 24 VAC±15% Max. 7W	12V DC±15% Max. 4W	12V DC±15% Max. 5W	-VFIT3: 12 VDC±15%, Max. 7W -AVFIT3: 12 VDC±15%, 24 VAC±15% Max. 10W

ANALOG CAMERAS NEW

Model	DS-2CE16D9T-AIRAZH	DS-2CE16F7T-IT	DS-2CE16F7T-IT3(-IT5)	DS-2CE16F7T-AIT3Z	DS-2CE56C5T-AVPIR3
Image Sensor	2MP CMOS Image Sensor	3MP CMOS Image Sensor	3MP CMOS Image Sensor	3MP CMOS Image Sensor	1.27MP CMOS Image Sensor
Min. Illumination	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.001lux @ (F1.2, AGC ON) B/W: 0 Lux with IR
Lens option and Horizontal Angle of View	59.8°-6.2° 5 - 50mm Motorized zoom	84°(2.8mm) 67.8°(3.6mm @ F1.2)	-IT3:84° (2.8mm), 67.8° (3.6mm), -IT5:67.8° (3.6mm),44.6° (6mm)	84° - 20.2° 2.8 - 12mm @ F1.2 Motorized zoom	92° - 29.3 2.8-12mm @ F1.4
Pan/Tilt/Rotation	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°	Pan: 0 – 355°, Tilt: 0 - 75°, Rotation: 0 - 355°
Day/Night	ICR	ICR	ICR	ICR	ICR
BLC/WDR	Yes/120dB	Yes/120dB	Yes/120dB	Yes/120dB	No/Digital
IR Range (meters)	Up to 110 meters	Up to 20 meters	-IT3: 40 meters -IT5: 80 meters	Up to 40 meters	Up to 40m
Video Out	HD-TVI/CVBS-(Dual)	HD TVI	HD TVI	HD TVI	HD-TVI/CVBS-(Dual)
Max. Image Resolution (pixels)	1944(H)x1092(V)	2052(H)x1536 (V)	2052(H)x1536 (V)	2052(H)x1536 (V)	1305(H)x977(V)
Frame Rate (fps)	50Hz: 25fps @1080P	50Hz: 18fps @3MP	50Hz: 18fps @3MP	50Hz: 18fps @3MP	720p@25fps
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal
Other features	IP66	IP66	IP66	IP66	IP66 IK10
Operating Conditions	-40 °C – 60 °C Humidity 90% (non-condensing)	-40 °C – 60 °C Humidity 90% (non-condensing)	-40 °C – 60 °C Humidity 90% (non-condensing)	-40 °C – 60 °C Humidity 90% (non-condensing)	-30 °C – 60 °C Humidity 90% (non-condensing)
Power Requirements	12 VDC±15%, 24 VAC±15% Max. 20W	12 VDC±15% Max. 5W	12 VDC±15% Max. 5W	12 VDC±15%, 24 VAC±15% Max. 9W	12 VDC±15%, 24 VAC±15% Max. 5W

ANALOG CAMERAS NEW

Model	DS-2CE56C5T-VFIT3	DS-2CE56D5T-IR3Z	DS-2CE56D5T-IRM	DS-2CE56D5T-IT3	DS-2CE56D5T-VFIT3
Image Sensor	1.27MP CMOS Image Sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor
Min. Illumination	Color: 0.001lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR
Lens option and Horizontal Angle of View	92° - 29.3 2.8-12mm @ F1.4	103° - 32.1° 2.8-12mm @ F1.4 Motorized zoom	103.5° (2.8mm), 82.6° (3.6mm @ F1.2)	103.5° (2.8mm), 82.6° (3.6mm @ F1.2)	103° - 32.1° 2.8-12mm @ F1.4
Pan/Tilt/Rotation	Pan: 0 - 355°, Tilt: 0 - 75°, Rotation: 0 - 355°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day/Night	ICR	ICR	ICR	ICR	ICR
BLC/WDR	No/Digital	Yes/120dB	Yes/120dB	Yes/120dB	Yes/120dB
IR Range (meters)	Up to 50 meters	Up to 40 meters	Up to 20 meters	Up to 40 meters	Up to 50 meters
Video Out	HD-TVI/CVBS-(Dual)	HD-TVI/CVBS-(Dual)	HD-TVI/CVBS-(Dual)	HD-TVI/CVBS-(Dual)	HD-TVI/CVBS-(Dual)
Max. Image Resolution (pixels)	1305(H)x977(V)	1944(H)x1092(V)	1944(H)x1092(V)	1944(H)x1092(V)	1944(H)x1092(V)
Frame Rate (fps)	50Hz: 25fps @720P	50Hz: 25fps @1080P	50Hz: 25fps @1080P	50Hz: 25fps @1080P	50Hz: 25fps @1080P
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal
Other features	IP66	IP66	IP66	IP66	IP66
Operating Conditions	-30 °C – 60 °C Humidity 90% (non-condensing)	-30 °C – 60 °C Humidity 90% (non-condensing)	-30 °C – 60 °C Humidity 90% (non-condensing)	-30 °C – 60 °C Humidity 90% (non-condensing)	-30 °C – 60 °C Humidity 90% (non-condensing)
Power Requirements	12 VDC±15% Max.6.5W	12V DC±15% Max. 5W	12V DC±15% Max. 4W	12V DC±15% Max. 5W	12V DC±15% Max. 7W

ANALOG CAMERAS NEW

Model	DS-2CE56D5T-AIRZ	DS-2CE56D5T-AVPIR3Z(-AVPIR3ZH)	DS-2CE56D5T-AVFIR	DS-2CE56D5T-VPIR3(-AVPIR3)	DS-2CE56F7T-ITM
Image Sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor	2MP CMOS Image Sensor	3MP CMOS Image Sensor
Min. Illumination	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR
Lens option and Horizontal Angle of View	103° - 32.1° 2.8 - 12 mm @ F1.4 Motorized zoom	103° - 32.1° 2.8 - 12 mm @ F1.4 Motorized zoom	103° - 32.1° 2.8-12mm @ F1.4	103° - 32.1° 2.8-12mm @ F1.4	84° (2.8mm) 67.8° (3.6mm @ F1.2)
Pan/Tilt/Rotation	Pan: 0 - 355°, Tilt: 0 - 75°, Rotation: 0 - 355°	Pan: 0 - 355°, Tilt: 0 - 75°, Rotation: 0 - 355°	Pan: 0 - 355°, Tilt: 0 - 75°, Rotation: 0 - 355°	Pan: 0 - 355°, Tilt: 0 - 75°, Rotation: 0 - 355°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day/Night	ICR	ICR	ICR	ICR	ICR
BLC/WDR	Yes/120dB	Yes/120dB	Yes/120dB	Yes/120dB	Yes/120dB
IR Range (meters)	Up to 30 meters	Up to 40 meters	Up to 30 meters	Up to 40 meters	Up to 20 meters
Video Out	HD-TVI/CVBS-(Dual)	HD-TVI/CVBS-(Dual)	HD-TVI/CVBS-(Dual)	HD-TVI/CVBS-(Dual)	HD TVI
Max. Image Resolution (pixels)	1944(H)x1092(V)	1944(H)x1092(V)	1944(H)x1092(V)	1944(H)x1092(V)	2052(H)x1536 (V)
Frame Rate (fps)	50Hz: 25fps @1080P	50Hz: 25fps @1080P	50Hz: 25fps @1080P	50Hz: 25fps @1080P	50Hz: 18fps @3MP
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal
Other features	---	IP66 IK10	---	IP66 IK10	IP66
Operating Conditions	-20 °C - 45 °C Humidity 90% (non-condensing)	-30 °C – 60 °C Humidity 90% (non-condensing) -AVPIR3ZH: -40 °C - 60 °C Humidity 90% (non-condensing)	-20 °C – 45 °C Humidity 90% (non-condensing)	-30 °C – 60 °C Humidity 90% (non-condensing)	-40 °C – 60 °C Humidity 90% (non-condensing)
Power Requirements	12 VDC±15%, 24 VAC±15% Max. 6W	12 VDC±15%, 24 VAC±15% Max. 6W -AVPIR3ZH: 12 VDC±15%, 24 VAC±15% Max. 12W	12 VDC±15%, 24 VAC±15% Max. 6W	-VPIR3: 12V DC±15% Max. 4W -AVPIR3: 12 VDC±15%, 24 VAC±15% Max. 6W	12V DC±15% Max. 5W

ANALOG CAMERAS NEW

Model	DS-2CE56F7T-IT3	DS-2CE56F7T-VPIT	DS-2CE56F7T-AITZ	DS-2CE56F7T-AVPIT3Z	DS-2CE56F7T-IT3Z
Image Sensor	3MP CMOS Image Sensor	3MP CMOS Image Sensor	3MP CMOS Image Sensor	3MP CMOS Image Sensor	3MP CMOS Image Sensor
Min. Illumination	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR	Color: 0.01lux @ (F1.2, AGC ON) B/W: 0 Lux with IR
Lens option and Horizontal Angle of View	84° (2.8mm) 67.8° (3.6mm @ F1.2)	67.8° 3.6mm @ F1.2	84° - 20.2° 2.8 - 12mm @ F1.2 Motorized zoom	84° - 20.2° 2.8 - 12mm @ F1.2 Motorized zoom	84° - 20.2° 2.8 - 12mm @ F1.2 Motorized zoom
Pan/Tilt/Rotation	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 340°, Tilt: 0 - 75°, Rotation: 0 - 355°	Pan: 0 - 355°, Tilt: 0 - 75°, Rotation: 0 - 355°	Pan: 0 - 340°, Tilt: 0 - 75°, Rotation: 0 - 355°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day/Night	ICR	ICR	ICR	ICR	ICR
BLC/WDR	Yes/120dB	Yes/120dB	Yes/120dB	Yes/120dB	Yes/120dB
IR Range (meters)	Up to 40 meters	Up to 20 meters	Up to 30 meters	Up to 40 meters	Up to 40 meters
Video Out	HD TVI	HD TVI	HD TVI	HD TVI	HD TVI
Max. Image Resolution (pixels)	2052(H)x1536 (V)	2052(H)x1536 (V)	2052(H)x1536 (V)	2052(H)x1536 (V)	2052(H)x1536 (V)
Frame Rate (fps)	50Hz: 18fps @3MP	50Hz: 18fps @3MP	50Hz: 18fps @3MP	50Hz: 18fps @3MP	50Hz: 18fps @3MP
Vertical Synchronization	Internal	Internal	Internal	Internal	Internal
Other features	IP66	IP66 IK10	IP65	IP66 IK10	IP66
Operating Conditions	-40 °C – 60 °C Humidity 90% (non-condensing)	-40 °C – 60 °C Humidity 90% (non-condensing)	-40 °C – 60 °C Humidity 90% (non-condensing)	-40 °C – 60 °C Humidity 90% (non-condensing)	-40 °C – 60 °C Humidity 90% (non-condensing)
Power Requirements	12V DC±15% Max. 5W	12V DC±15% Max. 5W	12 VDC±15%, 24 VAC±15% Max. 6.5W	12 VDC±15%, 24 VAC±15% Max. 6.5W	12V DC±15% Max. 6W

PTZ NEW

Model	DS-2AF5023-A	DS-2AF5037-A	DS-2AF7023I-A	DS-2AF7037I-A	DS-2DE5174-AE
Image Sensor	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/3'' Progressive Scan CMOS
Min. Illumination (lux)	Color: 0.02Lux/(F1.6, AGC ON) B/W: 0.002Lux/(F1.6, AGC ON)	Color: 0.02Lux/(F1.6, AGC ON) B/W: 0.002Lux/(F1.6, AGC ON)	Color: 0.02Lux/(F1.6, AGC ON) B/W: 0.002Lux/(F1.6, AGC ON 0 Lux with IR	Color: 0.02Lux/(F1.6, AGC ON), B/W: 0.002Lux/(F1.6, AGC ON) 0 lux with IR	Color: 0.05 lux (F1.6, 1/30 sec, 50 IRE, AGC On) B/W: 0.01 lux (F1.6, 1/30 sec, 50 IRE, AGC On)
Lens	4 to 92mm	3.2 to 118.4mm	4 to 92mm	3.2 to 118.4mm	4.7 to 94.0mm
Horizontal Angle of View	49° - 2.2°	58° - 1.7°	49° - 2.2°	58° - 1.7°	58.3 - 3.2
Optical Zoom	23X	37X	23X	37X	20X
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	-5° ~ 90°(Auto Flip)	-5° ~ 90°(Auto Flip)	-2° ~ 90°(Auto Flip)	-2° ~ 90°(Auto Flip)	-5°-90°(Auto Flip)
Pan & Tilt Speed (Manual)	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 240°/s	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 240°/s	Pan: 0.1° ~ 160°/s Tilt: 0.1° ~ 120°/s	Pan: 0.1° ~ 160°/s Tilt: 0.1° ~ 120°/s	Pan: 0.1° ~ 250°/s Tilt: 0.1° ~ 150°/s
Pan & Tilt Speed (Preset)	Pan: 540°/s Tilt: 400°/s	Pan: 540°/s Tilt: 400°/s	Pan: 240°/s Tilt: 200°/s	Pan: 240°/s Tilt: 200°/s	Pan: 300°/s Tilt: 200°/s
Day/Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
BLC/WDR	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital
IR Range (Meters)	---	---	Up to 150m	Up to 150m	---
Smart Features	Tracking	Tracking	Tracking	Tracking	N/A
Presets/Tours/Patterns	256/8/4	256/8/4	256/8/4	256/8/4	300/8/4
Video Compression					H.264/MJPEG
Max. Image Resolution (pixels)	700 TVL	700 TVL	700 TVL	700 TVL	1280 x 920
Frame Rate (fps)	---	---	---	---	50Hz:25fps(1280×960), 25fps (1280×720)
Local Storage	---	---	---	---	Micro SD/SDHC/SDXC slot, up to 128 GB
Other features	IP66, IK10	IP66, IK10	IP66	IP66	IP66, IK10
Operating Conditions (max.)	-30 °C to 65°C Humidity 90% (non-condensing)	-30 °C to 65°C Humidity 90%	-30 °C to 65°C Humidity 90%	-30 °C to 65°C Humidity 90%	-30 °C to 65°C Humidity 90%
Power Requirements (max.)	24 VAC, Max.40W(Heater On), Max. 20W(Heater Off)	24 VAC, Max.40W(Heater On), Max. 20W(Heater Off)	24 VAC, Max. 50W	24 VAC, Max. 50W	24 VAC/PoE (802.3at) Max. 18W

PTZ NEW

Model	DS-2DE5184-AE	DS-2DE5186-AE	DS-2DE5220I-AE	DS-2DE7174-AE	DS-2DE7176-AE
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3'' Progressive Scan CMOS	1/3'' Progressive Scan CMOS
Min. Illumination (lux)	Color: 0.05 lux (F1.6, 1/30 sec, 50 IRE, AGC On) B/W: 0.01 lux (F1.6, 1/30 sec, 50 IRE, AGC On)	Color: 0.05 lux (F1.6, 1/30 sec, 50 IRE, AGC On) B/W: 0.01 lux (F1.6, 1/30 sec, 50 IRE, AGC On)	Color: 0.02 lux(F1.5, AGC On) B/W: 0.002 lux(F1.5, AGC On) 0 lux with IR	Color: 0.05 lux (F1.6, 1/30 sec, 50 IRE, AGC On) B/W: 0.01 lux (F1.6, 1/30 sec, 50 IRE, AGC On) 0 lux with IR	Color: 0.05 lux (F1.6, 1/30 sec, 50 IRE, AGC On) B/W: 0.01 lux (F1.6, 1/30 sec, 50 IRE, AGC On) 0 lux with IR
Lens	4.7 to 94.0mm	4.3 to 129mm	4.7 to 94.0mm	4.7 to 94.0mm	4.3 to 129mm
Horizontal Angle of View	58.3 - 3.2°	65.1 - 2.34°	58.3 - 3.2°	58.3 - 3.2°	58.9 - 2.11°
Optical Zoom	20X	30X	20X	20X	30X
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	-5°-90°(Auto Flip)	-5°-90°(Auto Flip)	-15°-90°(Auto Flip)	-15°-90°(Auto Flip)	-15°-90°(Auto Flip)
Pan & Tilt Speed (Manual)	Pan: 0.1° ~ 250°/s Tilt: 0.1° ~ 150°/s	Pan: 0.1° ~ 250°/s Tilt: 0.1° ~ 150°/s	Pan: 0.1° ~ 400°/s Tilt: 0.1° ~ 200°/s	Pan: 0.1° ~ 160°/s Tilt: 0.1° ~ 120°/s	Pan: 0.1° ~ 160°/s Tilt: 0.1° ~ 120°/s
Pan & Tilt Speed (Preset)	Pan: 300°/s Tilt: 200°/s	Pan: 300°/s Tilt: 200°/s	Pan: 400°/s Tilt: 200°/s	Pan: 240°/s Tilt: 200°/s	Pan: 240°/s Tilt: 200°/s
Day/Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
BLC/WDR	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital
IR Range (Meters)	---	---	Up to 150m	Up to 120m	Up to 120m
Smart Features	N/A	N/A	N/A	N/A	N/A
Presets/Tours/Patterns	300/8/4	300/8/4	300/8/4	300/8/4	300/8/4
Video Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
Max. Image Resolution (pixels)	1920 × 1080	1920 × 1080	1920 × 1080	1280 x 920	1280 x 920
Frame Rate (fps)	50Hz: 25 fps (1920×1080), 25 fps (1280×960) , 25 fps (1280×720)	50Hz: 25 fps (1920×1080), 25 fps (1280×960) , 25 fps (1280×720)	50Hz: 25 fps (1920×1080), 25 fps (1280×720)	50Hz:25fps(1280×960), 25fps (1280×720)	50Hz:25fps(1280×960), 25fps (1280×720)
Local Storage	Micro SD/SDHC/SDXC slot, up to 128 GB	Micro SD/SDHC/SDXC slot, up to 128 GB	Micro SD/SDHC/SDXC slot, up to 128 GB	Micro SD/SDHC/SDXC slot, up to 128 GB	Micro SD/SDHC/SDXC slot, up to 128 GB
Other features	IP66, IK10	IP66, IK10	IP66	IP66	IP66
Operating Conditions (max.)	-30 °C to 65°C Humidity 90%	-30 °C to 65°C Humidity 90%	-30 °C to 65°C Humidity 90%	-30 °C to 65°C Humidity 90%	-30 °C to 65°C Humidity 90%
Power Requirements (max.)	24 VAC/PoE (802.3at) Max. 18W	24 VAC/PoE (802.3at) Max. 18W	24 VAC/High-PoE Max. 32W	24 VAC/High-PoE Max. 40W	24 VAC/High-PoE Max. 40W

PTZ NEW

Model	DS-2DE7184-AE	DS-2DE7186-AE	DS-2DF5274-AEL	DS-2DF5276-AEL	DS-2DF5284-AE3
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3'' Progressive Scan CMOS	1/3'' Progressive Scan CMOS	1/2.8'' Progressive Scan CMOS
Min. Illumination (lux)	Color: 0.05 lux (F1.6, 1/30 sec, 50 IRE, AGC On) B/W: 0.01 lux (F1.6, 1/30 sec, 50 IRE, AGC On) 0 lux with IR	Color: 0.05 lux (F1.6, 1/30 sec, 50 IRE, AGC On) B/W: 0.01 lux (F1.6, 1/30 sec, 50 IRE, AGC On) 0 lux with IR	Color: 0.3 lux (F1.6,1/30 sec, 50 IRE, AGC On) B/W: 0.02 lux (F1.6,1/30 sec, 50 IRE, AGC On)	Color: 0.3 lux (F1.6,1/30 sec, 50 IRE, AGC On) B/W: 0.02 lux (F1.6,1/30 sec, 50 IRE, AGC On)	Color: 0.3 lux (F1.6,1/30 sec, 50 IRE, AGC On) B/W: 0.02 lux (F1.6,1/30 sec, 50 IRE, AGC On)
Lens	4.7 to 94.0mm	4.3 to 129mm	4.3-86.0mm	4.3-129.0mm	4.7-94.0mm
Horizontal Angle of View	58.3 - 3.2°	65.1 - 2.34°	54.1-3.2 °	57.4-2.8 °	58.3-3.2 °
Optical Zoom	20X	30X	20X	30X	20X
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	-15°-90°(Auto Flip)	-15°-90°(Auto Flip)	-5°-90°(Auto Flip)	-5°-90°(Auto Flip)	-5°-90°(Auto Flip)
Pan & Tilt Speed (Manual)	Pan: 0.1° ~ 160°/s Tilt: 0.1° ~ 120°/s	Pan: 0.1° ~ 160°/s Tilt: 0.1° ~ 120°/s	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 240°/s	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 240°/s	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 240°/s
Pan & Tilt Speed (Preset)	Pan: 240°/s Tilt: 200°/s	Pan: 240°/s Tilt: 200°/s	Pan: 540°/s Tilt: 400°/s	Pan: 540°/s Tilt: 400°/s	Pan: 540°/s Tilt: 400°/s
Day/Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
BLC/WDR	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital
IR Range (Meters)	Up to 120m	Up to 120m	---	---	---
Smart Features	N/A	N/A	Tracking	Tracking	Tracking
Presets/Tours/Patterns	300/8/4	300/8/4	300/8/4	300/8/4	300/8/4
Video Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4
Max. Image Resolution (pixels)	1920 × 1080	1920 × 1080	1280 × 960	1280 × 960	1280 × 960
Frame Rate (fps)	50Hz: 25 fps (1920×1080), 25 fps (1280×960) , 25 fps (1280×720)	50Hz: 25 fps (1920×1080), 25 fps (1280×960) , 25 fps (1280×720)	50Hz:25fps(1280×960), 25fps (1280×720)	50Hz:25fps(1280×960), 25fps (1280×720)	25 @ 1280 × 960,1280 × 720 704×576, 352×288,176×144
Local Storage	Micro SD/SDHC/SDXC slot, up to 128 GB	Micro SD/SDHC/SDXC slot, up to 128 GB	Micro SD/SDHC/SDXC card Slot, up to 128GB	Micro SD/SDHC/SDXC card Slot, up to 128GB	Micro SD/SDHC/SDXC card Slot, up to 128GB
Other features	IP66	IP66	IP66, IK10	IP66, IK10	IK09
Operating Conditions (max.)	-30 °C to 65°C Humidity 90%	-30 °C to 65°C Humidity 90%	24 VAC: -40 °C-65°C Hi-PoE: -30 °C-65°C Humidity 90%	24 VAC: -40 °C-65°C Hi-PoE: -30 °C-65°C Humidity 90%	-10°C-50°C Humidity 90%
Power Requirements (max.)	24 VAC/High-PoE Max. 40W	24 VAC/High-PoE Max. 40W	24 VAC: 65W max Hi-PoE: 40W max	24 VAC: 60W max Hi-PoE: 40W max	24 VAC&PoE (802.3at), Max. 25W

PTZ NEW

Model	DS-2DF5284-AEL	DS-2DF5286-AE3	DS-2DF5286-AEL	DS-2DF7274-AEL	DS-2DF7276-AEL
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Min. Illumination (lux)	Color: 0.3 lux (F1.6,1/30 sec, 50 IRE, AGC On) B/W: 0.02 lux (F1.6,1/30 sec, 50 IRE, AGC On)	Color: 0.3 lux (F1.6,1/30 sec, 50 IRE, AGC On) B/W: 0.02 lux (F1.6,1/30 sec, 50 IRE, AGC On)	Color: 0.3 lux (F1.6,1/30 sec, 50 IRE, AGC On) B/W: 0.02 lux (F1.6,1/30 sec, 50 IRE, AGC On) 0 lux with IR	Color: 0.3 lux (F1.6,1/30 sec, 50 IRE, AGC On) B/W: 0.02 lux (F1.6,1/30 sec, 50 IRE, AGC On) 0 lux with IR	Color: 0.3 lux (F1.6,1/30 sec, 50 IRE, AGC On) B/W: 0.02 lux (F1.6,1/30 sec, 50 IRE, AGC On) 0 lux with IR
Lens	4.7-94mm	4.3-129mm	4.3-129mm	4.3-86.0mm	4.3-129.0mm
Horizontal Angle of View	58.3-3.2 °	65.5-2.11 °	65.5-2.11 °	54.1-3.2 °	57.4-2.8 °
Optical Zoom	20X	30X	30X	20X	30X
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	-5°-90°(Auto Flip)	-5°-90°(Auto Flip)	-5°-90°(Auto Flip)	-2°-90°(Auto Flip)	-2°-90°(Auto Flip)
Pan & Tilt Speed (Manual)	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 240°/s	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 240°/s	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 240°/s	Pan: 0.1° ~ 160°/s Tilt: 0.1° ~120°/s	Pan: 0.1° ~ 160°/s Tilt: 0.1° ~120°/s
Pan & Tilt Speed (Preset)	Pan: 540°/s Tilt: 400°/s	Pan: 540°/s Tilt: 400°/s	Pan: 540°/s Tilt: 400°/s	Pan: 160°/s Tilt: 120°/s	Pan: 160°/s Tilt: 120°/s
Day/Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
BLC/WDR	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital
IR Range (Meters)	---	---	---	Up to 150m	Up to 150m
Smart Features	Tracking	Tracking	Tracking	Tracking	Tracking
Presets/Tours/Patterns	300/8/4	300/8/4	300/8/4	300/8/4	300/8/4
Video Compression	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4
Max. Image Resolution (pixels)	1920×1080	1920×1080	1920×1080	1280 × 960	1280 × 960
Frame Rate (fps)	50Hz: 25fps(1920×1080), 25fps(1280×960), 25fps (1280×720)	50Hz: 25fps(1920×1080), 25fps(1280×960), 25fps (1280×720)	50Hz: 25fps(1920×1080), 25fps(1280×960), 25fps (1280×720)	50Hz:25fps(1280×960), 25fps (1280×720)	50Hz:25fps(1280×960), 25fps (1280×720)
Local Storage	Micro SD/SDHC/SDXC card Slot, up to 128GB	Micro SD/SDHC/SDXC card Slot, up to 128GB	Micro SD/SDHC/SDXC card Slot, up to 128GB	Micro SD/SDHC/SDXC card Slot, up to 128GB	Micro SD/SDHC/SDXC card Slot, up to 128GB
Other features	IP66, IK10	IK09	IP66, IK10	IP66	IP66
Operating Conditions (max.)	24 VAC: -40 °C-65°C Hi-PoE: -30 °C-65°C Humidity 90%	-10°C-50°C Humidity 90%	24 VAC: -40 °C-65°C Hi-PoE: -30 °C-65°C Humidity 90%	24 VAC: -40 °C-65°C Hi-PoE: -30 °C-65°C Humidity 90%	24 VAC: -40 °C-65°C Hi-PoE: -30 °C-65°C Humidity 90%
Power Requirements (max.)	24 VAC: 60W max Hi-PoE: 40W max	24 VAC&PoE (802.3at), 25W	24 VAC: 60W max Hi-PoE: 40W max	24 VAC: 60W max Hi-PoE: 50W max	24 VAC: 60W max Hi-PoE: 50W max

PTZ NEW

Model	DS-2DF7284-AEL	DS-2DF7286-AEL	DS-2ZCA2304P	DS-2ZCA3604P
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" interline transfer CCD	1/3" interline transfer CCD
Min. Illumination (lux)	Color: 0.3 lux (F1.6,1/30 sec, 50 IRE, AGC On) B/W: 0.02 lux (F1.6,1/30 sec, 50 IRE, AGC On) 0 lux with IR	Color: 0.3 lux (F1.6,1/30 sec, 50 IRE, AGC On) B/W: 0.02 lux (F1.6,1/30 sec, 50 IRE, AGC On) 0 lux with IR	Color: 0.04Lux @ (F1.5,AGC ON) B/W: 0.004Lux @ (F1.5,AGC ON)	Color: 0.04Lux @ (F1.5,AGC ON) B/W: 0.004Lux @ (F1.5,AGC ON)
Lens	4.7-94mm	4.3-129mm	4-92mm	3.3-119mm
Horizontal Angle of View	58.3-3.2 °	65.5-2.11 °	49-2.2 °	5.8-1.7°
Optical Zoom	20X	30X	23X	
Pan Range	360° endless	360° endless	---	---
Tilt Range	-2°-90°(Auto Flip)	-2°-90°(Auto Flip)	---	---
Pan & Tilt Speed (Manual)	Pan: 0.1° ~ 160°/s Tilt: 0.1° ~120°/s	Pan: 0.1° ~ 160°/s Tilt: 0.1° ~120°/s	---	---
Pan & Tilt Speed (Preset)	Pan: 240°/s Tilt: 200°/s	Pan: 240°/s Tilt: 200°/s	---	---
Day/Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	
BLC/WDR	Yes/Digital	Yes/N/A	Yes/No	Yes/No
IR Range (Meters)	Up to 150m	Up to 150m	---	---
Smart Features	Tracking	Tracking	---	---
Presets/Tours/Patterns	300/8/4	300/8/4	254/---/---	254/---/---
Video Compression	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4	---	---
Max. Image Resolution (pixels)	1920×1080	1920×1080	---	---
Frame Rate (fps)	50Hz: 25fps(1920×1080), 25fps(1280×960), 25fps (1280×720)	50Hz: 25fps(1920×1080), 25fps(1280×960), 25fps (1280×720)	---	---
Local Storage	Micro SD/SDHC/SDXC card Slot, up to 128GB	Micro SD/SDHC/SDXC card Slot, up to 128GB	---	---
Other features	IP66	IP66	---	---
Operating Conditions (max.)	24 VAC: -40 °C-65°C Hi-PoE: -30 °C-65°C Humidity 90%	24 VAC: -40 °C-65°C Hi-PoE: -30 °C-65°C Humidity 90%	-10°C-60°C Humidity 90%	-10°C-60°C Humidity 90%
Power Requirements (max.)	24 VAC: 60W max Hi-PoE: 50W max	24 VAC: 60W max Hi-PoE: 50W max	DC12V 4.5W max	DC12V 4.5W max

BACKEND NEW

Model	DS-7204HUHI-F1/N	DS-7204HUHI-F2/N	DS-7208HUHI-F1/N	DS-7208HUHI-F2/N	DS-7216HUHI-F2/N
Max. Recording Resolution	5MP	5MP	5MP	5MP	5MP
Video Compression	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264
Video Output	1-ch HDMI & 1-ch VGA: 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz, 1-ch CVBS	1-ch HDMI & 1-ch VGA 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz, 1-ch CVBS	1-ch HDMI: 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch CVBS	1-ch HDMI: 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch CVBS	1-ch HDMI: 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch CVBS
IP Video Inputs	2-ch	2-ch	2-ch	2-ch	2-ch
Alarm Input/Output	4/1	4/1	8/4	8/4	16/4
USB	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0, 1 × USB 3.0	2 x USB 2.0, 1 x USB 3.0	2 x USB 2.0, 1 x USB 3.0
Internal SATA	1 SATA interface (up to 6 TB)	2 SATA interfaces (up to 6 TB each)	1 SATA interface (up to 6 TB)	2 SATA interfaces (up to 6 TB each)	2 SATA interfaces (up to 6 TB each)
Maximum Internal Storage	6 TB	12 TB	6 TB	12 TB	12 TB
Max Bandwidth (Mbps)	96Mbps	96Mbps	128Mbps	128Mbps	128Mbps
Other features					
Rack Units	Standablone 1U	380 1U	Standablone 1U	380 1U	380 1U
Power Requirements (Max.)	12 VDC, ≤ 15W	12 VDC, ≤ 15W	12 VDC, ≤ 20W	12 VDC, ≤ 20W	12 VDC, ≤ 20W

BACKEND NEW

Model	DS-7308HQHI-SH	DS-7316HQHI-SH	DS-7308HQHI-F4/N	DS-7316HQHI-F4/N
Max. Recording Resolution	2MP	2MP	2MP	2MP
Video Compression	H.264	H.264	H.264+/H.264	H.264+/H.264
Video Output	1-ch HDMI & 1-ch VGA: 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz, 1-ch CVBS	1-ch HDMI & 1-ch VGA: 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60, 1-ch CVBS	1-ch HDMI: 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch CVBS	1-ch HDMI: 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch CVBS
IP Video Inputs	2-ch (up to 10-ch)	2-ch (up to 18-ch)	2-ch (up to 10-ch)	2-ch (up to 18-ch)
Alarm Input/Output	16/4	16/4	16/4	16/4
USB	3 × USB 2.0	3 × USB 2.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
Internal SATA	4 SATA interfaces (up to 6 TB each)	4 SATA interfaces (up to 6 TB each)	4 SATA interfaces (up to 6 TB each)	4 SATA interfaces (up to 6 TB each)
Maximum Internal Storage	24 TB	24 TB	24 TB	24 TB
Max Bandwidth (Mbps)	200Mbps	200Mbps	120Mbps	120Mbps
Other features				
Rack Units	19-inch rack-mounted 1.5U chassis	19-inch rack-mounted 1.5U chassis	19-inch rack-mounted 1.5U chassis	19-inch rack-mounted 1.5U chassis
Power Requirements (Max.)	"100 to 240 VAC, 47 to 63 HZ, ≤ 40W"	"100 to 240 VAC, 47 to 63 HZ, ≤ 55W"	"100 to 240 VAC, 47 to 63 HZ, ≤ 40W"	"100 to 240 VAC, 47 to 63 HZ, ≤ 55W"

BACKEND NEW

Model	DS-7604HI-ST/A	DS-7608HI-ST/A	DS-7616HI-ST/A
Max. Recording Resolution	6MP (WD1 for analog)	6MP (WD1 for analog)	6MP (WD1 for analog)
Video Compression	H.264	H.264	H.264
Video Output	1-ch HDMI & 1-ch VGA: 1920 × 1080/60Hz, 1600 × 1200 / 60 Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch CVBS	1-ch HDMI & 1-ch VGA: 1920 × 1080/60Hz, 1600 × 1200 / 60 Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch CVBS	1-ch HDMI & 1-ch VGA: 1920 × 1080/60Hz, 1600 × 1200 / 60 Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch CVBS
IP Video Inputs	4-ch (up to 8-ch)	8-ch (up to 16-ch)	16ch (up to 32-ch)
Alarm Input/Output	4/1	8/4	16/4
USB	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
Internal SATA	1 SATA interface (up to 4 TB)	2 SATA interfaces (up to 4 TB each)	2 SATA interfaces (up to 4 TB each)
Maximum Internal Storage	4 TB	8 TB	8 TB
Max Bandwidth (Mbps)	In: 20 Mbps Out: 40 Mbps	In: 40 Mbps Out: 240 Mbps	In: 80 Mbps Out: 240 Mbps
Other features			
Rack Units	Standablone 1U	19-inch rack-mounted 1U chassis	19-inch rack-mounted 1U chassis
Power Requirements (Max.)	12 VDC, ≤ 10W	12 VDC, ≤ 10W	12 VDC, ≤ 10W

BACKEND NEW

Model	DS-8108HQHI-SH	DS-8116HQHI-SH	DS-8108HQHI-F8/N	DS-8116HQHI-F8/N
Max. Recording Resolution	2MP	2MP	2MP	2MP
Video Compression	H.264	H.264	H.264+/H.264	H.264+/H.264
Video Output	1-ch HDMI & 1-ch VGA: 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60, 1-ch CVBS	1-ch HDMI & 1-ch VGA: 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60, 1-ch CVBS	1-ch HDMI: 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch CVBS	1-ch HDMI: 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch CVBS
IP Video Inputs	2-ch (up to 10-ch)	2-ch (up to 18-ch)	2-ch (up to 10-ch)	2-ch (up to 18-ch)
Alarm Input/Output	16/4	16/4	16/4	16/4
USB	3 × USB 2.0	3 × USB 2.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
Internal SATA	8 SATA interfaces (up to 6 TB each)	8 SATA interfaces (up to 6 TB each)	8 SATA interfaces (up to 6 TB each)	8 SATA interfaces (up to 6 TB each)
Maximum Internal Storage	48 TB	48 TB	48 TB	48 TB
Max Bandwidth (Mbps)	200Mbps	200Mbps	120Mbps	120Mbps
Other features				
Rack Units	19-inch rack-mounted 2U chassis	19-inch rack-mounted 2U chassis	19-inch rack-mounted 2U chassis	19-inch rack-mounted 2U chassis
Power Requirements (Max.)	"100 to 240 VAC, 47 to 63 HZ, ≤ 45W"	"100 to 240 VAC, 47 to 63 HZ, ≤ 65W"	"100 to 240 VAC, 47 to 63 HZ, ≤ 40W"	"100 to 240 VAC, 47 to 63 HZ, ≤ 55W"

BACKEND NEW

Model	DS-7608NI-I2(/8P)	DS-7616NI-I2(/16P)	DS-7632NI-I2(/16P)	DS-7716NI-I4(/16P)	DS-7732NI-I4(/16P)
Max. Recording Resolution	12 MP	12 MP	12 MP	12 MP	12 MP
Video Compression	H.265/H.264/MPEG4	H.265/H.264/MPEG4	H.265/H.264/MPEG4	H.265/H.264/MPEG4	H.265/H.264/MPEG4
Video Output	1-ch HDMI: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch HDMI: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 1-ch VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
IP Video Inputs	8-ch	16-ch	32-ch	16-ch	32-ch
Alarm Input/Output	4/1	4/1	4/1	16/4	16/4
USB	1 × USB 2.0, 1 × USB 3.0	1 × USB 2.0, 1 × USB 3.0	1 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
Internal SATA	2 SATA interfaces(up to 6 TB each)	2 SATA interfaces(up to 6 TB each)	2 SATA interfaces(up to 6 TB each)	4 SATA interfaces(up to 6 TB each)	4 SATA interfaces(up to 6 TB each)
Maximum Internal Storage	12 TB	12 TB	12 TB	24 TB	24 TB
Max Bandwidth (Mbps)	In: 80 Mbps Out: 256 Mbps	In: 160 Mbps Out: 256 Mbps	In: 256 Mbps Out: 256 Mbps	In: 160 Mbps Out: 256 Mbps	In: 256 Mbps Out: 256 Mbps
Other features	/8P: 8 PoE (802.3 af/at, ≤120W)	/16P: 16 PoE (802.3 af/at, ≤200W)	/16P: 16 PoE (802.3 af/at, ≤200W)	/16P: 16 PoE (802.3 af/at, ≤200W)	/16P: 16 PoE (802.3 af/at, ≤200W)
Rack Units	380mm 1U	380mm 1U	380mm 1U	19-inch rack-mounted 1.5U chassis	19-inch rack-mounted 1.5U chassis
Power Requirements (Max.)	12 VDC, ≤ 40W; (/8P: 100 to 240 VAC, 50 to 60 Hz, ≤180 W)	12 VDC, ≤ 40W; (/16P: 100 to 240 VAC, 50 to 60 Hz, ≤280 W)	12 VDC, ≤ 40W; (/16P: 100 to 240 VAC, 50 to 60 Hz, ≤280 W)	100 to 240 VAC, ≤ 80W; (/16P: 100 to 240 VAC, 50 to 60 Hz, ≤300 W)	100 to 240 VAC, ≤ 80W; (/16P: 100 to 240 VAC, 50 to 60 Hz, ≤300 W)

DVS

Model	DS-6701HWI	DS-6704HWI	DS-6708HWI	DS-6716HWI
Video Compression	H.264/MPEG4/MPEG2/MJPEG	H.264/MPEG4/MPEG2/MJPEG	H.264/MPEG4/MPEG2/MJPEG	H.264/MPEG4/MPEG2/MJPEG
Audio Input/ Output	1/1	4/1	8/1	16/1
Audio Compression	G.711u	G.711u	G.711u	G.711u
Voice Talk Input	1-ch, 3.5mm interface (2.0 Vp-p, 1 KΩ)	1-ch, 3.5mm interface (2.0 Vp-p, 1 KΩ)	1-ch, 3.5mm interface (2.0 Vp-p, 1 KΩ)	1-ch, 3.5mm interface (2.0 Vp-p, 1 KΩ)
Recording/ Decoding Capacity	WD1 50Hz: 960 x 576, 25fps	WD1 50Hz: 960 x 576, 25fps	WD1 50Hz: 960 x 576, 25fps	WD1 50Hz: 960 x 576, 25fps
Video Ouput	N/A	N/A	N/A	N/A
Network Interface	1 RJ-45, 10/100Mbps	1 RJ-45, 10/100Mbps	1 RJ-45, 10/100/1000Mbps	1 RJ-45, 10/100/1000Mbps
Alarm Input/ Output	1/1	4/2	8/4	16/4
Storage	Built-in Micro SD/SDHC/SDXC slot, up to 32 GB	Built-in Micro SD/SDHC/SDXC slot, up to 32 GB	NAS, iSCSI, IPSAN	NAS, iSCSI, IPSAN
RS232/ RS485	---/ 1	1/1	1/1	1/1
Power Requirements(max.)	12 V DC ± 10% PoE (802.3af), Max. 6W	12 V DC ± 10% PoE (802.3af), Max. 8W	12 V DC ± 10%, Max. 10W	12 V DC ± 10%, Max. 22W

DVS

Model	DS-6401HDI-T	DS-6404HDI-T	DS-6408HDI-T
Video Compression	H.264/MJPEG /MPEG4/MPEG2	H.264/MJPEG /MPEG4/MPEG2	H.264/MJPEG /MPEG4/MPEG2
Audio Input/ Output	---/1 RCA connector	---/4 DB15 connector	---/8 DB15 connector
Audio Compression	G.722/G.711A/G.711U/MPEG2-L2/AAC	G.722/G.711A/G.711U/MPEG2-L2/AAC	G.722/G.711A/G.711U/MPEG2-L2/AAC
Voice Talk Input	1-ch, 3.5mm interface (2.0 Vp-p, 1 KΩ)	1-ch, 3.5mm interface (2.0 Vp-p, 1 KΩ)	1-ch, 3.5mm interface (2.0 Vp-p, 1 KΩ)
Recording/ Decoding Capacity	8MP: 1-ch 5MP: 2-ch 1080p: 4-ch 720p: 8-ch 4CIF: 16-ch	8MP: 2-ch 5MP: 4-ch 1080p: 8-ch 720p: 16-ch 4CIF: 32-ch	8MP: 4-ch 5MP: 8-ch 1080p: 16-ch 720p: 32-ch 4CIF: 64-ch
Video Ouput	1-ch HDMI, 1-ch VGA, 1-ch CVBS	4-ch DVI (Convertible), 2-ch CVBS (DB15)	8-ch DVI (Convertible), 4-ch CVBS (DB15)
Network Interface	1 RJ-45, 10/100/1000Mbps	1 RJ-45, 10/100/1000Mbps	1 RJ-45, 10/100/1000Mbps
Alarm Input/ Output	4/4	4/4	4/4
Storage	N/A	N/A	N/A
RS232/ RS485	1/1	1/1	1/1
Power Requirements(max.)	12 V DC ± 10%, Max. 15W	220 V AC, Max. 70W	220 V AC, Max. 70W

KEYBOARDS

Model	DS-1004KI	DS-1005KI	DS-1100KI
Control Type	RS-485, RS-232	USB 2.0	IP, RS485
Joystick	4-axis	3-axis	4-axis
LCD Panel	N/A	N/A	7" TFT LCD monitor with touch panel (800x480)
Key Features	Control the DVR, Dome Camera, VMS and Analog Matrix;	Window XP/7/8/8.1 Compatible; Up to 15 programmable buttons are available	Control the camera/speed dome, display of decoded video on TV wall, control of matrix; Support 1 channel of video view at up to 1080P resolution
Power Requirements(max.)	12V DC, Max.10W	5V DC via USB, Max.5W	12V DC, Max.15W

BRACKETS

For:

DS-2CD2022WD-I
DS-2CD2022WD-I
DS-2CD2052-I

DS-1280ZJ-XS

- Junction box
- White
- Aluminum alloy
- Φ100 x 43.2 x 129mm

For

DS-2CD2122FWD-IS
DS-2CD2142FWD-IS
DS-2CD2152F-IS

DS-1259ZJ

- Inclined ceiling mount
- White
- ABS+PC
- Φ111×39.2mm

DS-1271ZJ-110

- Pendant mount
- White
- Aluminum alloy
- 120×122×169mm

DS-1272ZJ-110

- Wall mount
- White
- Aluminum alloy
- 120×122×169mm

DS-1272ZJ-110B

- Wall mount
- White
- Aluminum alloy
- 123×180×227.8mm

DS-1275ZJ

- Vertical pole mount
- White
- Steel(mounting board) & Stainless Steel(clamp)
- 127×46×250mm

DS-1276ZJ

- Corner mount
- White
- Steel
- 126x105x250mm

DS-1280ZJ-DM18

- Junction box
- White
- Aluminum alloy
- Φ115.4×43.8mm

DS-1258ZJ

- Wall mount
- White
- ABS+PC
- 120×111×161.5mm

DS-1253ZJ-M

- Rain shade
- White
- Composite Fibre
- Φ191.1×76mm

DS-1250ZJ

- Rain shade
- White
- Composite Fibre
- 264.7x152x189.6 mm

For:

DS-2CD2322WD-I
DS-2CD2342WD-I
DS-2CD2352-I

DS-1273ZJ-130-TRL

- Wall mount
- White
- Aluminum alloy
- 131×183.5×228.5mm

DS-1275ZJ

- Vertical pole mount
- White
- Steel(mounting board) & Stainless Steel(clamp)
- 127×46×250mm

DS-1276ZJ

- Corner mount
- White
- Steel
- 126x105x250mm

DS-1280ZJ-M

- Junction box
- White
- Aluminum alloy
- 157×184.8×53.4mm

DS-1281ZJ-M

- Junction box
- White
- Aluminum alloy
- 157×165.7×61.8mm

DS-1271ZJ-130-TRL

- Pendant mount
- White
- Aluminum alloy
- Φ150×567mm

For:

DS-2CD2522FWD-IS (-IWS)
DS-2CD2542FWD-IS (-IWS)
DS-2CD2552F-IS(-IWS)

DS-1272ZJ-120

- Wall mount
- White
- Aluminum alloy
120×122×169mm

DS-1272ZJ-120B

- Wall mount with junction box
- White
- Aluminum alloy
- 123×180×233mm

DS-1271ZJ-120

- Pendant mount
- White
- Aluminum alloy
- Φ150×573mm

DS-1275ZJ

- Vertical pole mount
- White
- Steel(mounting board) & Stainless Steel(clamp)
- 127×46×250mm

DS-1276ZJ

- Corner mount
- White
- Steel
- 126x105x250mm

BRACKETS

For:

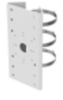
DS-2CD2522FWD-IS(-IWS)
DS-2CD2542FWD-IS(-IWS)
DS-2CD2552F-IS(-IWS)

DS-1280ZJ-DM22

- Junction box
- White
- Aluminum alloy
- 164.8×137×53.4mm

For

DS-2CD2622FWD-IS(-IZS)
DS-2CD2642FWD-IS(-IZS)
DS-2CD2652F-IS(-IZS)



DS-1260ZJ

- Junction box
- White
- Aluminum alloy
- Φ105 mm

DS-1275ZJ

- Vertical pole mount
- White
- Steel(mounting board) & Stainless Steel(clamp)
- 127×46×250mm

DS-1280ZJ-S

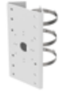
- Junction box
- White
- Aluminum alloy
- Φ137x53.4x164.8mm

DS-1276ZJ

- Corner mount
- White
- Steel
- 126x105x250mm

For:

DS-2CD2722FWD-IS(-IZS)
DS-2CD2742FWD-IS(-IZS)
DS-2CD2752F-IS(-IZS)



DS-1271ZJ-135

- Pendant mount
- White
- Aluminum alloy
- 150×150×565mm

DS-1273ZJ-135

- Wall mount
- White
- Aluminum alloy
- 136×183.5×230mm

DS-1273ZJ-135B

- Wall mount with junction box
- White
- Aluminum alloy
- 136×243×290mm

DS-1275ZJ

- Vertical pole mount
- White
- Steel(mounting board) & Stainless Steel(clamp)
- 127×46×250mm

DS-1276ZJ

- Corner mount
- White
- Steel
- 126x105x250mm

For:

DS-2CD2722FWD-IS(-IZS)
DS-2CD2742FWD-IS(-IZS)
DS-2CD2752F-IS(-IZS)

DS-1227ZJ

- In-ceiling mount
- White
- Aluminum alloy & ABS
- Φ210×90mm

DS-1280ZJ-DM21

- Junction box
- White
- Aluminum alloy
- 162×137×42mm

DS-1281ZJ-DM23

- Inclined ceiling mount
- White
- Aluminum alloy
- 136.3×136.3×48mm

DS-1253ZJ-L

- Rain shade
- White
- Composite Fibre
- Φ225.1×98mm

DS-1250ZJ

- Rain shade
- White
- Composite Fibre
- 264.7x152x189.6 mm

DS-1258ZJ-L

- Wall mount
- White
- Plastic
- 136×183×213mm

For:

DS-2CD2942F-IS

DS-1294ZJ

- Wall mount
- White
- Toughened Plastic
- 223.9×80×125.8mm

DS-1281ZJ-DM27

- Inclined ceiling mount
- White
- Plastic
- 111.8×40.5×108.3mm

DS-1297ZJ

- Pendant mount (extendable)
- White
- Aluminum alloy
- Hight 1000-2000mm

DS-1299ZJ

- Pendant Mount
- White
- Zinc alloy
- 70.4×84×200mm

BRACKETS

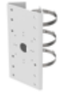
For:

DS-2CD2F22FWD-IWS
DS-2CD2F42FWD-IWS
DS-2CD2F52F-IWS

DS-1294ZJ	DS-1280ZJ-PT3
• Wall mount • White • Toughened Plastic • 223.9×80×125.8mm	• Junction box • White • Plastic • Φ120×40mm

For

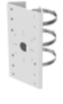
DS-2CD2T22WD-I3(-I5)(-I8)
DS-2CD2T42WD-I3(-I5)(-I8)
DS-2CD2T52-I5(-I8)



DS-1275ZJ	DS-1280ZJ-S	DS-1260ZJ	DS-1276ZJ
• Vertical pole mount • White • Steel (mounting board) & Stainless Steel (clamp) • 127×46×250mm	• Junction box • White • Aluminum alloy • Φ137x53.4x164.8mm	• Junction box • White • Aluminum alloy • Φ105mm	• Corner mount • White • Steel • 126x105x250mm

For:

DS-2CD4212FWD-IZS(-IZHS)



DS-1271ZJ-130	DS-1273ZJ-130	DS-1273ZJ-130B	DS-1227ZJ	DS-1275ZJ
• Pendant mount • White • Aluminum alloy • Φ150×567mm	• Wall mount • White • Aluminum alloy • 131×183.5×228.5mm	• Wall mount with Junction box • White • Aluminum alloy • 132×243×288.5mm	• In-ceiling mount • White • Aluminum alloy & ABS • Φ210×90mm	• Vertical pole mount • White • Steel (mounting board) & Stainless Steel (clamp) • 127×46×250mm

For:

DS-2CD4212FWD-IZS(-IZHS)

DS-1276ZJ	DS-1280ZJ-DM21	DS-1281ZJ-DM23	DS-1253ZJ-L	DS-1250ZJ
• Corner mount • White • Steel • 126X105X250mm	• Junction box • White • Aluminum alloy • 162×137×42mm	• Inclined ceiling mount • White • Aluminum alloy • 136.3×136.3×48mm	• Rain shade • White • Composite Fibre • Φ225.1×98mm	• Rain shade • White • Composite Fibre • 264.7x152x189.6 mm

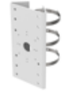
For

DS-2CC12D9T-A

DS-1299ZJ	DS-1292ZJ	DS-1332HZ	DS-1330HZ	DS-1331HZ Series
• Pendant mount • White • Zinc alloy • 70.4×84×200mm	• Wall mount • White • Aluminum alloy • 70x97.1x217.9mm	• Indoor housing • White • Aluminum alloy • 288×149×100m	• Indoor housing • White • Complex fiber • 290×142×92mm	• Outdoor housing • White • Aluminum alloy

For:

DS-2CE16D5T-VFIT3
(-AVFIT3)
DS-2CE16D9T-AIRAZH
DS-2CE16C5T-AVFIR3



DS-1275ZJ	DS-1280ZJ-S	DS-1260ZJ	DS-1276ZJ
• Vertical pole mount • White • Steel (mounting board) & Stainless Steel (clamp) •127×46×250mm	• Junction box • White • Aluminum alloy • Φ137x53.4x164.8mm	• Junction box • White • Aluminum alloy • Φ105 mm	• Corner mount • White •Steel •126x105x250mm

BRACKETS

For:

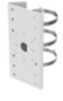
DS-2CE16F7T-AIT3Z

DS-1275ZJ	DS-1280ZJ-S
• Vertical pole mount • White • Steel(mounting board) & Stainless Steel(clamp) •127×46×250mm	• Junction box • White • Aluminum alloy • Φ137x53.4x164.8mm

For

DS-2CE56C5T-AVPIR3
DS-2CE56D5T-AVPIR3Z
(-AVPIR3ZH)
DS-2CE56D5T-VPIR3
(-AVPIR3)
DS-2CE56F7T-AVPIT3Z

DS-1271ZJ-140	DS-1273ZJ-140	DS-1273ZJ-140B	DS-1241ZJ	DS-1240ZJ
• Pendant Mount • White • Aluminum alloy • Φ150×565mm	• Wall mount • White • Aluminum alloy • 140×183.5×232mm	• Wall mount with junction box • White • Aluminum alloy • 140×243×292mm	• In-ceiling mount • White • Aluminum alloy • Φ200×26.8mm	• Inclined ceiling mount • White • Aluminum alloy • Φ145×63mm



DS-1275ZJ	DS-1276ZJ	DS-1253ZJ-L	DS-1250ZJ
• Vertical pole mount, white • Steel(mounting board) & Stainless Steel(clamp) • 127×46×250mm • Diameter of clamp: Φ67-127mm • Match up with wall mount (DS-1273ZJ-140)	• Corner mount • White • Steel • 126×105×250mm • Match up with wall mount (DS-1273ZJ-140)	• Rain shade • White • Composite Fibre "• Φ225.1×98mm Match up with wall mount (DS-1273ZJ-140)	• Rain shade • White • Composite Fibre • 264.7x152x189.6 mm

For:

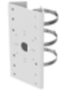
DS-2CE56C5T-VFIT3
DS-2CE56D5T-VFIT3
DS-2CE56D5T-IR3Z
DS-2CE56F7T-IT3
DS-2CE56F7T-IT3Z

DS-1273ZJ-130-TRL	DS-1275ZJ	DS-1276ZJ	DS-1280ZJ-M	DS-1281ZJ-M
• Wall mount • White • Aluminum alloy • 131×183.5×228.5mm	• Vertical pole mount • White •Steel(mounting board) & Stainless Steel(clamp) • 127×46×250mm	• Corner mount • White • Steel •126x105x250mm	• Junction box • White • Aluminum alloy • 157×184.8×53.4mm	• Junction box • White • Aluminum alloy • 157×165.7×61.8mm

DS-1271ZJ-130-TRL
• Pendant mount • White • Aluminum alloy • Φ150×567mm

For:

DS-2CE56D5T-IRM
DS-2CE56F7T-ITM



DS-1272ZJ-110-TRS	DS-1275ZJ	DS-1276ZJ	DS-1280ZJ-XS
• Wall mount • White • Aluminum alloy • 120×122×169mm	• Vertical pole mount • White •Steel(mounting board) & Stainless Steel(clamp) • 127×46×250mm	• Corner mount • White • Steel •126x105x250mm	• Junction box • White • Aluminum alloy • Φ100 x 43.2 x 129mm

BRACKETS

For:

DS-2CE56D5T-IT3

DS-1272ZJ-110
- Wall mount
- White
- Aluminum alloy
- 120×122×169mm

DS-1275ZJ
- Vertical pole mount
- White
- Steel(mounting board) & Stainless Steel(clamp)
- 127×46×250mm

DS-1276ZJ
- Corner mount
- White
- Steel
- 126x105x250mm

DS-1258ZJ
- Wall mount
- White
- ABS+PC
- 120×111×161.5mm

DS-1280ZJ-S
- Junction box
- White
- Aluminum alloy
- Φ137x53.4x164.8mm

DS-1281ZJ-S
- Inclined ceiling mount
- White
- Aluminum alloy
- Φ137×56.5×147mm

DS-1271ZJ-110
- Pendant mount
- White
- Aluminum alloy
- 120×122×169mm

For:

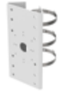
DS-2CE56D5T-AIRZ
DS-2CE56D5T-AVFIR

DS-1271ZJ-130
- Pendant mount
- White
- Aluminum alloy
- Φ150×567mm

DS-1273ZJ-130
- Wall mount
- White
- Aluminum alloy
- 131×183.5×228.5mm

DS-1273ZJ-130B
- Wall mount with Junction box
- White
- Aluminum alloy
- 132×243×288.5mm

DS-1249ZJ
- In-ceiling mount
- White
- ABS+PC
- Φ169.4×14.6mm



DS-1275ZJ
- Vertical pole mount
- White
- Steel(mounting board) & Stainless Steel(clamp)
- 127×46×250mm

For:

DS-2CE56D5T-AIRZ
DS-2CE56D5T-AVFIR
DS-2CE56F7T-AITZ

DS-1276ZJ
- Corner mount
- White
- Steel
- 126x105x250mm

DS-1253ZJ-L
- Rain shade
- White
- Composite Fibre
- Φ225.1×98mm

DS-1250ZJ
- Rain shade
- White
- Composite Fibre
- 264.7x152x189.6 mm

For:

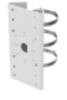
DS-2CE56F7T-VPIT

DS-1259ZJ
- Inclined ceiling mount
- White
- ABS+PC
- Φ111×39.2mm

DS-1271ZJ-110
- Pendant mount
- White
- Aluminum alloy
- 120×122×169mm

DS-1272ZJ-110
- Wall mount
- White
- Aluminum alloy
- 120×122×169mm

DS-1272ZJ-110B
- Wall mount
- White
- Aluminum alloy
- 123×180×227.8mm



DS-1275ZJ
- Vertical pole mount
- White
- Steel(mounting board) & Stainless Steel(clamp)
- 127×46×250mm

DS-1276ZJ
- Corner mount
- White
- Steel
- 126x105x250mm

DS-1280ZJ-DM18
- Junction box
- White
- Aluminum alloy
- Φ115.4×43.8mm

DS-1258ZJ
- Wall mount
- White
- ABS+PC
- 120×111×161.5mm

DS-1253ZJ-M
- Rain shade
- White
- Composite Fibre
- Φ191.1×76mm

DS-1250ZJ
- Rain shade
- White
- Composite Fibre
- 264.7x152x189.6 mm

BRACKETS

For:

DS-2DE5174-AE
DS-2DE5184-AE
DS-2DE5186-AE
DS-2DF5274-AEL
DS-2DF5276-AEL
DS-2DF5284-AEL
DS-2DF5286-AEL
DS-2AF5023-A
DS-2AF5037-A

DS-2AF7023I-A
DS-2AF7037I-A
DS-2DF7274-AEL
DS-2DF7276-AEL
DS-2DF7284-AEL
DS-2DF7286-AEL
DS-2DE7174-AE
DS-2DE7176-AE
DS-2DE7184-AE
DS-2DE7186-AE

DS-2DE5220I-AE

DS-1661ZJ
- Pendant mount
- White
- Aluminum alloy
- Φ116.5×200mm

DS-1662ZJ
- Pendant mount
- White
- Aluminum alloy
- Φ116.5×500mm

DS-1663ZJ
- Ceiling mount
- White
- Aluminum alloy
- Φ116.5×57mm

DS-1660ZJ
- Parapet wall mount
- White
- Aluminum alloy
- 180×950×800mm

DS-1602ZJ
- Wall mount (long arm)
- White
- Aluminum alloy
- 97.3×182.6×306.3mm

DS-1602ZJ-POLE
- Vertical pole mount
- White
- Aluminum alloy
- 117×194×451.3mm

DS-1602ZJ-CORNER
- Corner mount
- White
- Aluminum alloy
- 176.8×194×417.8mm

DS-1602ZJ-BOX
- Wall mount with junction box
- White
- Aluminum alloy
- 182.6×104×311.1mm

DS-1602ZJ-BOX-POLE
- Vertical Pole Mount with junction box
- White
- Aluminum alloy
- 209.7×314×600.8mm

DS-1602ZJ-BOX-CORNER
- Wall Mount with junction box
- White
- Aluminum alloy
- 255.5×314×546.4mm

DS-1619ZJ
- Gooseneck mount
- White
- Aluminum alloy
- 455.2×130.4×841.5mm

DS-1667ZJ
- Extendable pole for Pendant mount
- White
- Galvanized steel pipe
- 1500-2500mm

For:

DS-2CE16D5T-IR
DS-2CE16F7T-IT
DS-2CE16F7T-IT3(-IT5)
DS-2CE16D5T-IT3(-IT5)

DS-1280ZJ-XS
- Junction box
- White
- Aluminum alloy
- Φ100 x 43.2 x 129mm

For:

DS-2ZCA2304P
DS-2ZCA3604P

DS-1299ZJ
- Pendant Mount
- White
- Zinc alloy
- 70.4×84×200mm

DS-1292ZJ
- Wall mount
- White
- Aluminum alloy
- 70x97.1x217.9mm

DS-1331HZ series
- Outdoor housing
- White
- Aluminum alloy

PRO
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