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شرکت پارس ارتباط افزار
نماینده رسمی توزیع تجهیزات Hikvision

Easy IP Solutions



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ساده و قدرتمند
سفری آسان تر به سوی امنیت بیشتر
با راهکارهای Easy IP هایک ویژن

راهکارهای EasyIP

نظارت تصویری نباید پیچیده باشد. پیشرفت های تکنولوژی در هر گوشه از زندگی ما روز به روز بیشتر کاربرپسند و ساده می شوند. این واقعیت در صنعت امنیت نیز صدق می کند.

آنچه یک سیستم امنیتی را کارآمد می سازد استفاده از اجزای مناسب در جاهای مناسب است. هایک ویژن برای کسب و کارهای کوچک تا متوسط که دارای محدودیت های مالی و زمانی می باشند، به بهترین راهکارها دست یافته است. شامل 3.0 EasyIP و EasyIP 2.0+.

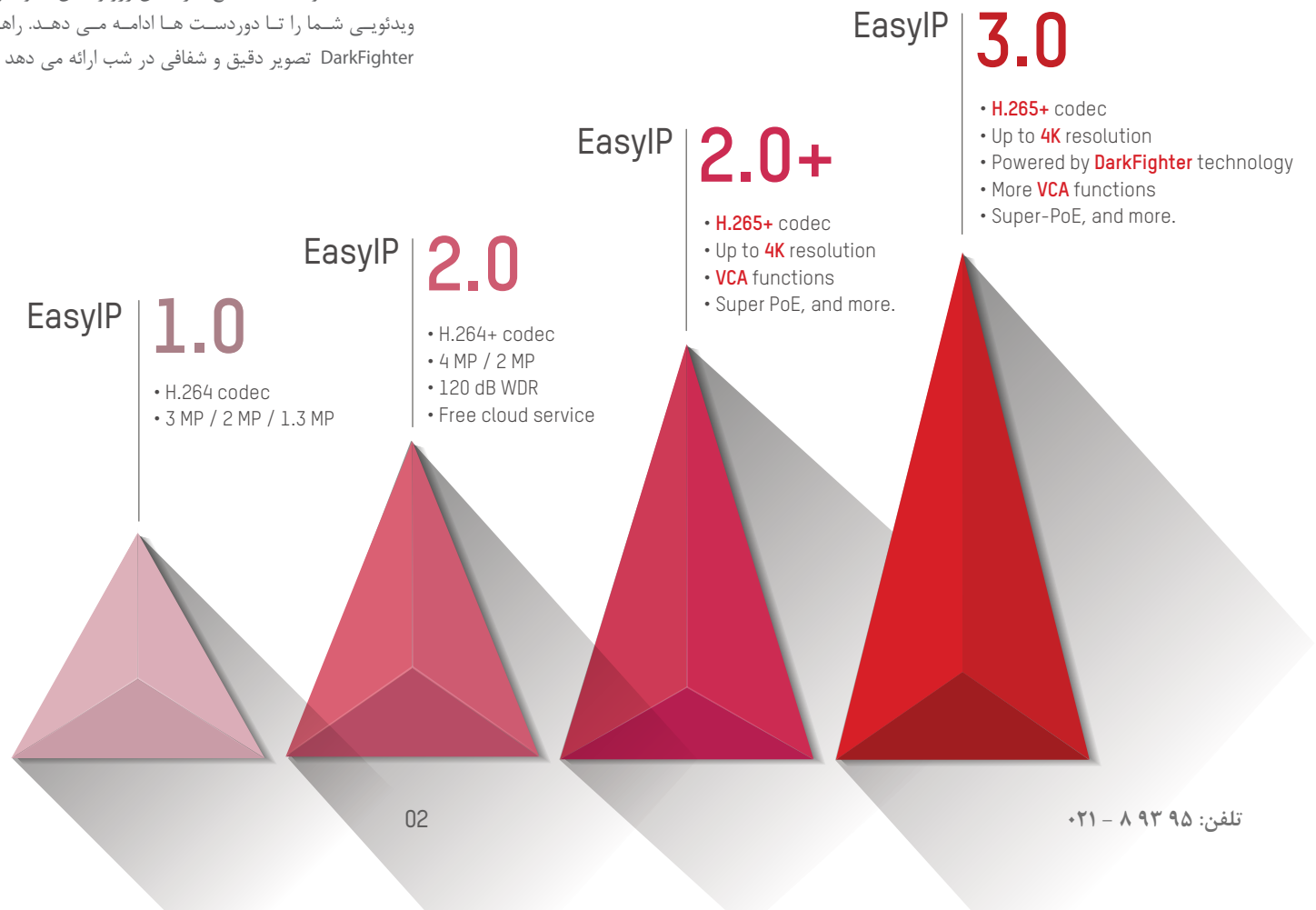
برای آن دسته از کاربرانی که با نسخه های قبلی EasyIP آشنایی دارند این راهکارها روش های آماده و توسعه یافته ای هستند که با تکیه بر اجزای استوار و قابل اعتماد و ویژگی های پیشرفته، دارای عملکردی بسیار عالی می باشند. راهکارهای EasyIP هایک ویژن حقیقتاً راه ساده ای برای داشتن امنیت بیشتر هستند. برای اطلاع از همه مزایای راهکار EasyIP این کاتالوگ را مطالعه نمایید.



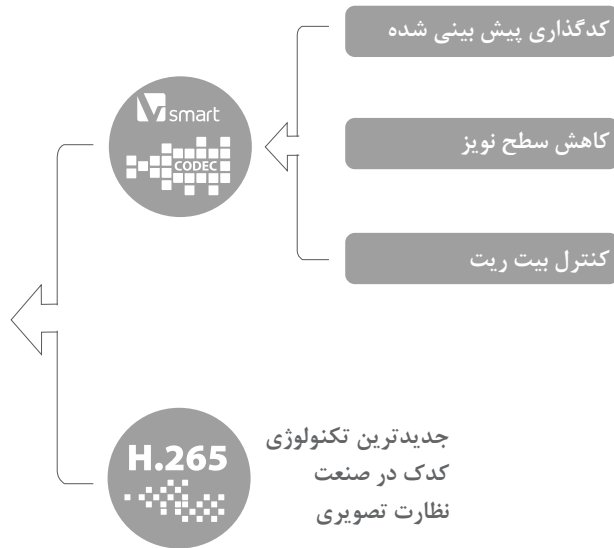
در سال ۲۰۱۲ میلادی، هایک ویژن اولین نسخه از راهکار EasyIP را ارائه داد که تأثیر چشمگیری بر صنعت نظارت تصویری داشت. راهکار EasyIP 1.0، از کدک H.264 استفاده می کرد و دوربین های 2.1، 3 و 3 مگاپیکسلی ارائه می داد. متخصصین عرصه امنیت در سرتاسر جهان از مزایای این سیستم با کمترین هزینه و نصب ساده بهره می بردند و رضایت مشتریان در سطح بسیار بالایی جلب شده بود.

هایک ویژن به نیاز روزافزون این راهکار شناخته شده پاسخ داد و تکنولوژی های پیشرفته بیشتری را در سال ۲۰۱۴ بکار برد. نتیجه، راهکار EasyIP 2.0 بود که از کدک H.264+ استفاده می کرد و دوربین های 2 و 4 مگاپیکسلی ارائه می داد. علاوه بر این، در نسخه 2.0 امکانات جدیدی مانند 120dB WDR، خدمات ابری رایگان گنجانده شد که قابلیت مدیریت توسعه یافته را در اختیار کاربران قرار می داد. اما این پایان کار هایک ویژن نبود.

اکنون با سری محصولات بروز شده EasyIP 2.0+ و EasyIP 3.0، کیفیت راهکاری نظارت تصویری هایک ویژن برای کسب و کارهای کوچک تا متوسط به سطح بالایی ارتقا یافته است. هر دو راهکار از تکنولوژی فشرده سازی منحصربفرد هایک ویژن تحت عنوان H.264+ بهره می برند که پهنای باند مورد نیاز را کاهش داده باعث توسعه منابع، افزایش رزولوشن تصویر به 4K و PoE پیشرفته می شود که محدوده تصاویر ویدئویی شما را تا دوردست ها ادامه می دهد. راهکار EasyIP 3.0، علاوه بر این ها، با استفاده از تکنولوژی DarkFighter تصویر دقیق و شفافی در شب ارائه می دهد و عملکردهای VCA بیشتری در اختیار کاربر می گذارد.



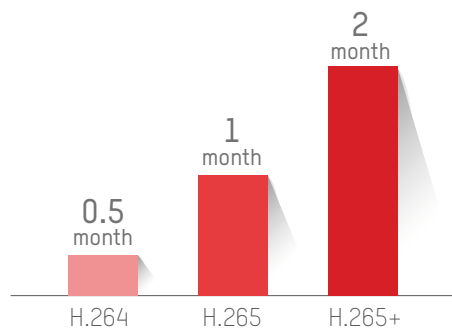
.265+



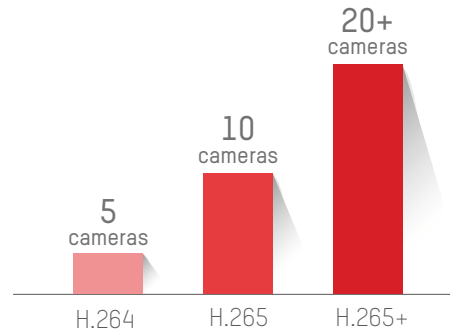
.265+

اگر می توانستید پهنای باند را کاهش دهید، ملزومات ذخیره سازی را کم کنید و عملکرد کلی سیستم را با یک کدک قابل اعتماد و پیشرفته بهبود بخشید، زمان، پول و منابع بیشتری ذخیره می کردید. چرا این کار را نکنید؟ تکنولوژی فشرده سازی منحصربفرد هایک ویژن همه این کارها را انجام می دهد. رزولوشن تصاویر را تا 4K بالا ببرید و دقیق ترین تصاویر ممکن را بدست آورید. نحوه کار بدین صورت است.

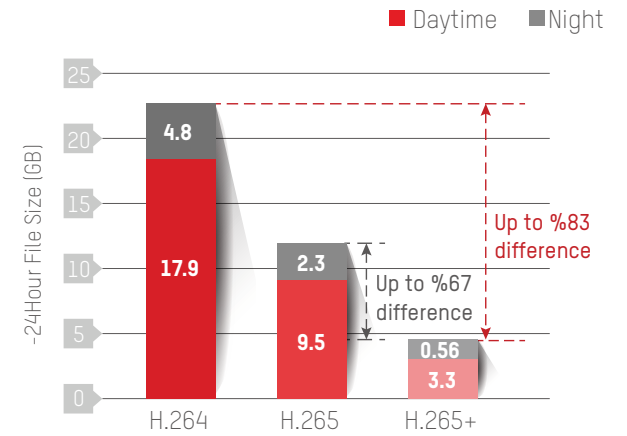
کاهش قابل توجه پهنای باند مورد نیاز و فضای ذخیره سازی



هشت دوربین 2 مگاپیکسلی
HDD های 5 ترابایتی



شبکه پهن باند 20 مگاپیکسلی

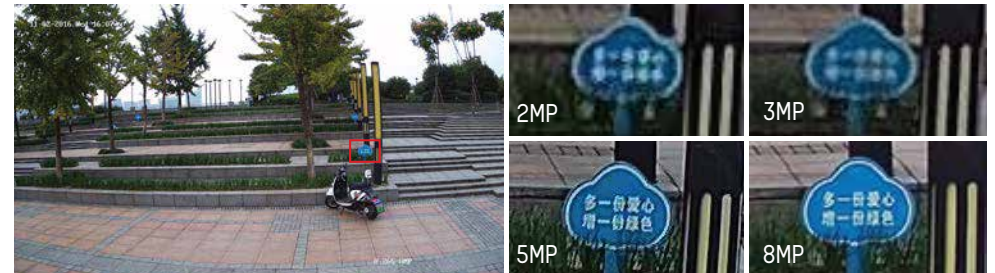


ضبط ۲۴ ساعته تصاویر با اندازه کامل (GB) مقایسه در H.264+, H.265 و H.265+ داده ها، صرفاً جهت مقایسه، در یک منظره عادی آزمایش شدند.

4K

به تازگی، دوربین های نظارتی با وضوح تصویر بسیار بالا رزولوشن 4K را به صنعت امنیت معرفی کرده اند. اگرچه، رزولوشن 4K عموماً بدلیل مصرف بالای پهنای باند و حجم زیاد فضای ذخیره سازی، نیاز به توسعه بیشتر دارد تا کاربرد آن گسترده شود.

یکی از پیشرفت های شاخص در این زمینه ارائه کدک H.265+ توسط هایک ویژن است، بطوریکه پردازش داده ها را بهینه و نظارت تصویری با رزولوشن 4K را ساده می کند و در نهایت، پیکسل هایی با وضوح بالا و شفاف ایجاد خواهند شد.



مجهز به تکنولوژی DarkFighter

شب را به روز تبدیل کنید!
حتی چهره ها بطور واضح قابل شناسایی هستند.

تصویر رنگی در یک صحنه
بیرونی با نور ضعیف



تصویر گرفته شده بوسیله iPhone 7+



تصویر گرفته شده با دوربین دو مگاپیکسلی EasyIP 3.0

گرفتن رنگ های واضح و روشن
در صحنه هایی با نور بسیار ضعیف



تصویر گرفته شده با دوربین H.264



تصویر گرفته شده با دوربین دو مگاپیکسلی EasyIP 3.0

تصویر رنگی بهتر در شب



تصویر گرفته شده با دوربین H.264



تصویر گرفته شده با دوربین دو مگاپیکسلی EasyIP 3.0



VCA (Video Content Analytics)

همچنین، امکان هشداردهی و بازرسی با جایابی شیء و کشف چمدان فاقد همراه فراهم شده است. عملکردهای VCA کارآیی سیستم امنیتی را ارتقاء می دهد.

تجزیه و تحلیل محتوای ویدئویی (VCA) دیگر فقط مختص سیستم های امنیتی رده سازمانی و اینترپرایز ارائه نمی شود. راهکار EasyIP 3.0 و VCA را برای امنیت رده SMB (کسب و کارهای کوچک تا متوسط) نیز در دسترس قرار داده است. متصدی امنیت می تواند از ابزار جستجوی هوشمند برای آشکارسازی VCA و رویداد هشدار، و از عملکرد بازپخش هوشمند برای پخش مجدد صحنه های گرفته شده از موقعیت های اضطراری مورد نظر مانند عبور از خط، ورود غیر مجاز و چهره ها استفاده نماید.

عملکردهای بیشتر VCA موجب توسعه کارایی سیستم می شود

جستجوی هوشمند



عبور از خط



ورود غیر مجاز



تشخیص چهره



کشف بسته یا شیء رها شده



تشخیص حذف شیء از صحنه



رویدادهای فعال کننده علائم هشدار



آشکارسازی VCA

Network Cameras

NVRs

■ EasyIP 3.0
■ EasyIP 3.0/+2.0



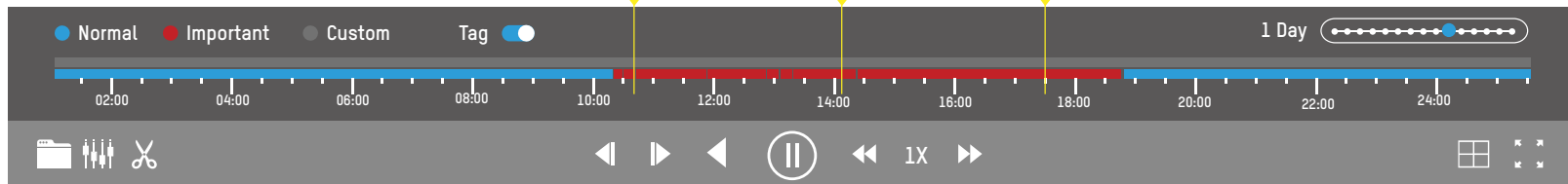
11:18
عبور از خط



14:05
ورود غیر مجاز



17:30
تشخیص چهره



Smart Search and Playback

Super PoE

راهکار EasyIP 3.0 راهی ساده تر برای داشتن نظارت تصویری بهتر از مکان های مهم تر است. در حالی که PoE متداول امکان انتقال برق را فقط تا ۱۰۰ متر امکان پذیر می سازد، این راهکار مجهز به PoE پیشرفته است که انتقال برق از طریق PoE را تا ۳۰۰ متر امکان پذیر ساخته است. (مطابق با استاندارد 802.3af، کابل Cat.6)



NVRs

تا **300** متر

(802.3af, CAT.6)



Network Cameras

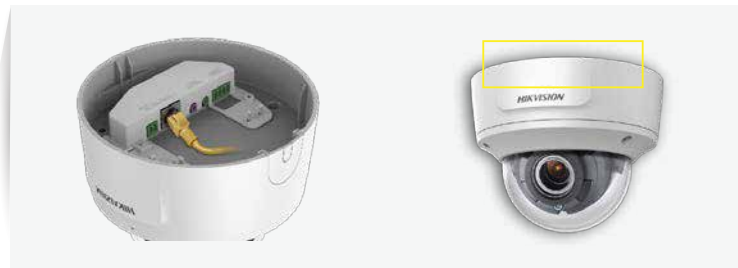


سایر ویژگی ها

راهکار EasyIP 3.0 دارای نصبی ساده و عملکردی مطابق با پیشرفته ترین تکنولوژی ها طراحی شده و دارای اجزای قابل اطمینان و پشتیبانی قدرتمند می باشد. با ویژگی های پشتیبان گیری خودکار (Auto Backup) از شبکه و خدمات ساده اتصال اینترنتی، یک سیستم امنیتی قدرتمند می تواند به سرعت و بی وقفه وارد عمل شود.

طراحی شده برای نصب ساده تر

جعبه اتصال مخفی و یکپارچه
رابط قابل اتصال از طریق دوشاخه، بدون کابل پیگتل



طراحی شده برای نصب ساده تر

دارای 120 dB WDR

EXIR 2.0

استریم سه گانه

ذخیره سازی بر روی دستگاه

استاندارد حفاظتی IP67، IP66 و IK10

(Automatic Network Replenishment) ANR

پشتیبانی گیری دوگانه از سیستم (NVR)

اختصاص اتوماتیک آدرس IP

Hik-connect خدمات ابری رایگان

ANR (Automatic Network Replenishment) ◀

20 dB WDR ◀



بکاپ گیری دوگانه سیستم (NVR) ◀






EXIR 2.0 ◀

اگر NVR بصورت نرمال از طریق سیستم اول آغاز به کار نکند، سیستم بکاپ وارد عمل خواهد شد. این قابلیت امکان کار NVR را با این طراحی صنعتی سیستم دوگانه تضمین خواهد نمود.











NETWORK CAMERA



Model	DS2-CD2025F(H)WD-I	DS2-CD2125F(H)WD-I(S)	DS2-CD2325F(H)WD-I	DS2-CD2425F(H)WD-I(W)	DS2-CD2525F(H)WD-I(S)
	 2MP	 2MP	 2MP	 2MP	 2MP
Image sensor	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS
Max. Resolution	1080 × 1920	1080 × 1920	1080 × 1920	1080 × 1920	1080 × 1920
Video Compression	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG
Min. Illumination	Color: 0.005 lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.2, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm/4mm/6mm	2.8mm/4mm	2.8mm/4mm/6mm	2.8 mm	2.8mm/4mm/6mm/12mm
FOV	°52/°86.4/°108	°86.4/°108	°52/°86.4/°108	°108	°25/°52/°86.4/°108
IR Range	Up to 30 m	Up to 30 m	Up to 30 m	Up to 10 m	Up to 10 m
VCA	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection
Frame Rate	Main stream up to 60/50fps(H) 50Hz: 25fps (1280 ,960 × 1280 ,1080 × 1920 × 720) 60Hz: 30fps (960 × 1280 ,1080 × 1920 ,720×1280)	Main stream up to 60/50fps(H) 50Hz: 25fps (1280 ,960 × 1280 ,1080 × 1920 × 720) 60Hz: 30fps (960 × 1280 ,1080 × 1920 ,720×1280)	Main stream up to 60/50fps(H) 50Hz: 25fps (1280 ,960 × 1280 ,1080 × 1920 × 720) 60Hz: 30fps (960 × 1280 ,1080 × 1920 ,720×1280)	Main stream up to 60/50fps(H) 50Hz: 25fps (960 × 1280 ,1080 × 1920 ,720 × 1280) 60Hz: 30fps (960 × 1280 ,1080 × 1920 ,720×1280)	Main stream up to 60/50fps(H) 50Hz: 25fps (960 × 1280 ,1080 × 1920 ,720 × 1280) 60Hz: 30fps (960 × 1280 ,1080 × 1920 ,720×1280)
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams
Ingress Protection	IP67	IP67, IK10	IP67	---	IP67, IK10
Angle Adjustment	Pan: °0 to °360, tilt: °0 to °90, rotate: °0 to °360	Pan: °0 to °355, tilt: °0 to °75, rotate: °0 to °355	Pan: °0 to °360, tilt: °0 to °75, rotate: °0 to °360	Pan: °0 to °360, tilt: °0 to °90	Pan: °30- to °30+, tilt: °0 to °75, rotate: °0 to °360
Working Temperature	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	10- °C to °40+C (14 °F to 104 °F)	30- °C to 60+ °C (22- °F to 140+ °F)
Humidity	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Audio I/O	---	1/1(-S)	---	Build-in mic., Build-in speaker	Build-in mic., 1 output (line out)
Alarm I/O	---	1/1(-S)	---	1/1	1/1
Power Supply	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)





Model	DS2-CD2T25F(H)WD-I5/I8	DS2-CD2035FWD-I	DS2-CD2135FWD-II(S)	DS2-CD2335FWD-I	DS2-CD2435FWD-II(W)
	 2MP	 3MP	 3MP	 3MP	 3MP
Image sensor	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS
Max. Resolution	1080 × 1920	1536 × 2048	1536 × 2048	1536 × 2048	1536 × 2048
Video Compression	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG
Min. Illumination	Color: 0.005 lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.2, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm/4mm/6mm/12mm/16mm	2.8mm/4mm/6mm	2.8mm/4mm	2.8mm/4mm/6mm	2.8 mm
FOV	°20/°25/°52/°86.4/°108	°48/°78.7/°98	°78.7/°98	°48/°78.7/°98	°98
IR Range	I5: Up to 50 m I8: up to 80 m	Up to 30 m	Up to 30 m	Up to 30 m	Up to 10 m
VCA	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection
Frame Rate	Main stream up to 60/50fps(H) 50Hz: 25fps (960 × 1280, 1080 × 1920, 720 × 1280) 60Hz: 30fps (960 × 1280, 1080 × 1920, 720×1280)	Main stream up to 60/50fps(H) 50Hz: 25fps (960 × 1280, 1080 × 1920, 720 × 1280) 60Hz: 30fps (960 × 1280, 1080 × 1920, 720×1280)	Main stream up to 60/50fps(H) 50Hz: 25fps (960 × 1280, 1080 × 1920, 720 × 1280) 60Hz: 30fps (960 × 1280, 1080 × 1920, 720×1280)	Main stream up to 60/50fps(H) 50Hz: 25fps (1080 × 1920, 1536 × 2048, 720×1280) 60Hz: 30fps (1080 × 1920, 1536 × 2048, 720×1280)	Main stream up to 60/50fps(H) 50Hz: 25fps (1080 × 1920, 1536 × 2048, 720×1280) 60Hz: 30fps (1080 × 1920, 1536 × 2048, 720×1280)
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams
Ingress Protection	IP67	IP67	IP67, IK10	IP67	---
Angle Adjustment	Pan: °0 to °360, tilt: °0 to °100, rotate: °0 to °360	Pan: °0 to °360, tilt: °0 to °90, rotate: °0 to °360	Pan: °0 to °355, tilt: °0 to °75, rotate: °0 to °355	Pan: °0 to °360, tilt: °0 to °75, rotate: °0 to °360	Pan: °0 to °360, tilt: °0 to °90
Working Temperature	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	10- °C to °40+ °C (14 °F to 104 °F)
Humidity	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Audio I/O	---	---	1/1(-S)	---	Build-in mic., Build-in speaker
Alarm I/O	---	---	1/1(-S)	---	1/1
Power Supply	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)





Model	 DS2-CD2535FWD-I(S)	 DS2-CD2T35FWD-I5/I8	 DS2-CD2055FWD-I	 DS2-CD2155FWD-I(S)	 DS2-CD2355FWD-I
Image sensor	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS	2.9/1" Progressive Scan CMOS	2.9/1" Progressive Scan CMOS	2.9/1" Progressive Scan CMOS
Max. Resolution	1536 × 2048	1536 × 2048	1920 × 2560	1920 × 2560	1920 × 2560
Video Compression	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG
Min. Illumination	Color: 0.005 lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.2, AGC ON)	Color: 0.01 lux @(F1.2, AGC ON)	Color: 0.01 lux @(F1.2, AGC ON)	Color: 0.01 lux @(F1.2, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8 mm	2.8mm/4mm/6mm/12mm/16mm	2.8mm/4mm/6mm	2.8mm/4mm	2.8mm/4mm/6mm/8mm
FOV	°98	°18/°48/°78.7/°98	°50/°63.5/°81	°63.5/°81	°33/°50/°63.5/°81
IR Range	Up to 10 m	I5: Up to 50 m I8: up to 80 m	Up to 30 m	Up to 30 m	Up to 30 m
VCA	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection
Frame Rate	Main stream 50Hz: 25fps (1080 × 1920, 1536 × 2048, 720×1280) 60Hz: 30fps (1080 × 1920, 1536 × 2048, 720×1280)	Main stream 50Hz: 25fps (1080 × 1920, 1536 × 2048, 720×1280) 60Hz: 30fps (1080 × 1920, 1536 × 2048, 720×1280)	Main stream 50Hz: 20 fps (25, 1920 × 2560 fps (2560 × 1280, 1080 × 1920, 1536 × 2048, 1440 × 720) 60Hz: 20 fps (30, 1920 × 2560 fps (2560 × 1280, 1080 × 1920, 1536 × 2048, 1440 × 720)	Main stream 50Hz: 20 fps (25, 1920 × 2560 fps (2560 × 1280, 1080 × 1920, 1536 × 2048, 1440 × 720) 60Hz: 20 fps (30, 1920 × 2560 fps (2560 × 1280, 1080 × 1920, 1536 × 2048, 1440 × 720)	Main stream 50Hz: 20 fps (25, 1920 × 2560 fps (2560 × 1280, 1080 × 1920, 1536 × 2048, 1440 × 720) 60Hz: 20 fps (30, 1920 × 2560 fps (2560 × 1280, 1080 × 1920, 1536 × 2048, 1440 × 720)
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams
Ingress Protection	IP67, IK10	IP67	IP67	IP67, IK10	IP67
Angle Adjustment	Pan: °30- to °30+, tilt: °0 to °75, rotate: °0 to °360	Pan: °0 to °360, tilt: °0 to °100, rotate: °0 to °360	Pan: °0 to °360, tilt: °0 to °90, rotate: °0 to °360	Pan: °0 to °355, tilt: °0 to °75, rotate: °0 to °355	Pan: °0 to °360, tilt: °0 to °75, rotate: °0 to °360
Working Temperature	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)
Humidity	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Audio I/O	Built-in mic., 1 output (line out)	---	---	1/1(-S)	---
Alarm I/O	1/1	---	---	1/1(-S)	---
Power Supply	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)

Model	DS2-CD2455FWD-I(W)	DS2-CD2555FWD-I(S)	DS2-CD2T55FWD-I5/I8	DS2-CD2085FWD-I	DS2-CD2185FWD-I(S)
					
Image sensor	2.9/1" Progressive Scan CMOS	2.9/1" Progressive Scan CMOS	2.9/1" Progressive Scan CMOS	2.5/1" Progressive Scan CMOS	2.5/1" Progressive Scan CMOS
Max. Resolution	1920 × 2560	1920 × 2560	1920 × 2560	2160 × 3840	2160 × 3840
Video Compression	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG
Min. Illumination	Color: 0.01 lux @(F1.2, AGC ON)	Color: 0.01 lux @(F1.2, AGC ON)	Color: 0.01 lux @(F1.2, AGC ON)	Color: 0.01 lux @(F1.2, AGC ON)	Color: 0.01 lux @(F1.2, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8 mm	2.8 mm	2.8mm/4mm/6mm/12mm/16mm	2.8mm/4mm/6mm	2.8mm/4mm
FOV	°81	°81	°50/°63.5/°81 12 mm 16 mm	°50/°78/°102	°78/°102
IR Range	up to 10 m	up to 10 m	I5: Up to 50 m I8: up to 80 m	Up to 30 m	Up to 30 m
VCA	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection
Frame Rate	Main stream 50Hz: 20 fps (25 ,1920 × 2560 fps (2560 × 1280 ,1080 × 1920 ,1536 × 2048 ,1440 × 720) 60Hz: 20 fps (30 ,1920 × 2560 fps (2560 × 1280 ,1080 × 1920 ,1536 × 2048 ,1440 × 720)	Main stream 50Hz: 20 fps (25 ,1920 × 2560 fps (2560 × 1280 ,1080 × 1920 ,1536 × 2048 ,1440 × 720) 60Hz: 20 fps (30 ,1920 × 2560 fps (2560 × 1280 ,1080 × 1920 ,1536 × 2048 ,1440 × 720)	Main stream 50Hz: 20 fps (25 ,1920 × 2560 fps (2560 × 1280 ,1080 × 1920 ,1536 × 2048 ,1440 × 720) 60Hz: 20 fps (30 ,1920 × 2560 fps (2560 × 1280 ,1080 × 1920 ,1536 × 2048 ,1440 × 720)	Main stream 50Hz: 20 fps (25 ,2160 × 3840 fps (2560 × 1280 ,1080 × 1920 ,1440 × 2560 ,1920 × 720) 60Hz: 20 fps (30 ,2160 × 3840 fps (2560 × 1280 ,1080 × 1920 ,1440 × 2560 ,1920 × 720)	Main stream 50Hz: 20 fps (25 ,2160 × 3840 fps (2560 × 1280 ,1080 × 1920 ,1440 × 2560 ,1920 × 720) 60Hz: 20 fps (30 ,2160 × 3840 fps (2560 × 1280 ,1080 × 1920 ,1440 × 2560 ,1920 × 720)
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams
Ingress Protection	—	IP67, IK10	IP67	IP67	IP67, IK10
Angle Adjustment	Pan: °0 to °360, tilt: °0 to °90	Pan: °30- to °30+, tilt: °0 to °75, rotate: °0 to °360	Pan: °0 to °360, tilt: °0 to °100, rotate: °0 to °360	Pan: °0 to °360, tilt: °0 to °90, rotate: °0 to °360	Pan: °0 to °355, tilt: °0 to °75, rotate: °0 to °355
Working Temperature	10- °C to °40+C (14 °F to 104 °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)
Humidity	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Audio I/O	Build-in mic., Build-in speaker	Build-in mic., 1 output (line out)	---	---	1/1(-S)
Alarm I/O	1/1	1/1	---	---	1/1(-S)
Power Supply	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)





Model	DS2-CD2385FWD-I	DS2-CD2485FWD-I(W)	DS2-CD2T85FWD-I5/I8	DS2-CD2H25FWD-IZ(S)	DS2-CD2H35FWD-IZ(S)
					
Image sensor	2.5/1" Progressive Scan CMOS	2.5/1" Progressive Scan CMOS	2.5/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS
Max. Resolution	2160 × 3840	2160 × 3840	2160 × 3840	1080 × 1920	1536 × 2049
Video Compression	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG
Min. Illumination	Color: 0.01 lux @(F1.2, AGC ON)	Color: 0.01 lux @(F1.2, AGC ON)	Color: 0.01 lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.2, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm/4mm/6mm	2.8 mm	2.8mm/4mm/6mm/12mm/16mm	12-2.8mm	12-2.8mm
FOV	°50/°78/°102	°102	°50/°63.5/°81 12 mm 16 mm	---	---
IR Range	Up to 30 m	Up to 10 m	I5: Up to 50 m I8: up to 80 m	Up to 30 m	Up to 30 m
VCA	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection
Frame Rate	Main stream 50Hz: 20 fps (25, 2160 × 3840 fps (2560 × 1280, 1080 × 1920, 1440 × 2560, 1920 × 720)) 60Hz: 20 fps (30, 2160 × 3840 fps (2560 × 1280, 1080 × 1920, 1440 × 2560, 1920 × 720))	Main stream 50Hz: 20 fps (25, 2160 × 3840 fps (2560 × 1280, 1080 × 1920, 1440 × 2560, 1920 × 720)) 60Hz: 20 fps (30, 2160 × 3840 fps (2560 × 1280, 1080 × 1920, 1440 × 2560, 1920 × 720))	Main stream 50Hz: 20 fps (25, 2160 × 3840 fps (2560 × 1280, 1080 × 1920, 1440 × 2560, 1920 × 720)) 60Hz: 20 fps (30, 2160 × 3840 fps (2560 × 1280, 1080 × 1920, 1440 × 2560, 1920 × 720))	Main stream 50Hz: 25fps (960 × 1280, 1080 × 1920, 720 × 1280) 60Hz: 30fps (960 × 1280, 1080 × 1920, 720 × 1280)	Main stream 50Hz: 25fps (1080 × 1920, 1536 × 2048, 720 × 1280) 60Hz: 30fps (1080 × 1920, 1536 × 2048, 720 × 1280)
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams
Ingress Protection	IP67	---	IP67	IP67	IP67
Angle Adjustment	Pan: °0 to °360, tilt: °0 to °75, rotate: °0 to °360	Pan: °0 to °360, tilt: °0 to °90	Pan: °0 to °360, tilt: °0 to °100, rotate: °0 to °360	Pan: °0 to °360, tilt: °0 to °75, rotate: °0 to °360	Pan: °0 to °360, tilt: °0 to °75, rotate: °0 to °360
Working Temperature	30- °C to 60+ °C (22- °F to 140+ °F)	10- °C to °40+ °C (14 °F to 104 °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)
Humidity	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Audio I/O	---	Build-in mic., Build-in speaker	---	1/1(-S)	1/1(-S)
Alarm I/O	---	1/1	---	1/1(-S)	1/1(-S)
Power Supply	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)



Model	DS2-CD2625FWD-IZ(S) 	DS2-CD2635FWD-IZ(S) 	DS2-CD2725FWD-IZ(S) 	DS2-CD2735FWD-IZ(S) 	DS2-CD2H55FWD-IZ(S) 
Image sensor	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS	2.5/1" Progressive Scan CMOS
Max. Resolution	1080 × 1920	1536 × 2049	1080 × 1920	1536 × 2049	1920 × 2560
Video Compression	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.265/MJPEG	H.+265/H.265/H.+264/H.265/MJPEG
Min. Illumination	Color: 0.005 lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.2, AGC ON), 1 lux with IR	Color: 0.01 lux @(F1.2, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	12-2.8mm	12-2.8mm	12-2.8mm	12-2.8mm	12-2.8mm
FOV	°110 to °33	°110 to °33	°110 to °33	°110 to °33	---
IR Range	Up to 50 m	Up to 50 m	Up to 30 m	Up to 30 m	Up to 30 m
VCA	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection
Frame Rate	Main stream 50Hz: 25fps (960 × 1280 ,1080 × 1920, 720 × 1280) 60Hz: 30fps (960 × 1280 ,1080 × 1920, 720×1280)	Main stream 50Hz: 25fps (1080 × 1920 ,1536 × 2048, 720×1280) 60Hz: 30fps (1080 × 1920 ,1536 × 2048, 720×1280)	Main stream 50Hz: 25fps (960 × 1280 ,1080 × 1920, 720 × 1280) 60Hz: 30fps (960 × 1280 ,1080 × 1920, 720×1280)	Main stream 50Hz: 25fps (1080 × 1920 ,1536 × 2048, 720×1280) 60Hz: 30fps (1080 × 1920 ,1536 × 2048, 720×1280)	Main stream 50Hz: 20 fps (25 ,1920 × 2560 fps (2560 × 1280 ,1080 × 1920 ,1536 × 2048 ,1440 × 720) 60Hz: 20 fps (30 ,1920 × 2560 fps (2560 × 1280 ,1080 × 1920 ,1536 × 2048 ,1440 × 720)
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams
Ingress Protection	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67
Angle Adjustment	Pan: °0 to °360, tilt: °0 to °90, rotate: °0 to °360	Pan: °0 to °360, tilt: °0 to °90, rotate: °0 to °360	Pan: °0 to °355, tilt: °0 to °75, rotate: °0 to °355	Pan: °0 to °355, tilt: °0 to °75, rotate: °0 to °355	Pan: °0 to °360, tilt: °0 to °75, rotate: °0 to °360
Working Temperature	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)
Humidity	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Audio I/O	1/1(-S)	1/1(-S)	1/1(-S)	1/1(-S)	1/1(-S)
Alarm I/O	1/1(-S)	1/1(-S)	1/1(-S)	1/1(-S)	1/1(-S)
Power Supply	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)



Model	DS2-CD2H85FWD-IZ(S)	DS2-CD2655FWD-IZ(S)	DS2-CD2685FWD-IZ(S)	DS2-CD2755FWD-IZ(S)	DS2-CD2785FWD-IZ(S)
					
Image sensor	2.5/1" Progressive Scan CMOS	2.5/1" Progressive Scan CMOS	2.5/1" Progressive Scan CMOS	2.5/1" Progressive Scan CMOS	2.5/1" Progressive Scan CMOS
Max. Resolution	2160 × 3840	1920 × 2560	2160 × 3840	1920 × 2560	2160 × 3840
Video Compression	H.+265/H.265/H.+264/H.265/MJPEG	H.+265/H.265/H.+264/H.265/MJPEG	H.+265/H.265/H.+264/H.265/MJPEG	H.+265/H.265/H.+264/H.265/MJPEG	H.+265/H.265/H.+264/H.265/MJPEG
Min. IllumiN/Ation	Color: 0.01 lux @(F1.2, AGC ON)	Color: 0.01 lux @(F1.2, AGC ON)	Color: 0.01 lux @(F1.2, AGC ON)	Color: 0.01 lux @(F1.2, AGC ON)	Color: 0.01 lux @(F1.2, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	12-2.8mm	12-2.8mm	12-2.8mm	12-2.8mm	12-2.8mm
FOV	—	°110 to °33	°110 to °33	°110 to °33	°110 to °33
IR Range	Up to 30 m	Up to 50 m	Up to 50 m	Up to 30 m	Up to 30 m
VCA	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection
Frame Rate	Main stream 50Hz: 20 fps (25 ,2160 × 3840 fps (2560 × 1280 ,1080 × 1920 ,1440 × 2560 ,1920 × 720) 60Hz: 20 fps (30 ,2160 × 3840 fps (2560 × 1280 ,1080 × 1920 ,1440 × 2560 ,1920 × 720)	Main stream 50Hz: 20 fps (25 ,1920 × 2560 fps (2560 × 1280 ,1080 × 1920 ,1536 × 2048 ,1440 × 720) 60Hz: 20 fps (30 ,1920 × 2560 fps (2560 × 1280 ,1080 × 1920 ,1536 × 2048 ,1440 × 720)	Main stream 50Hz: 20 fps (25 ,2160 × 3840 fps (2560 × 1280 ,1080 × 1920 ,1440 × 2560 ,1920 × 720) 60Hz: 20 fps (30 ,2160 × 3840 fps (2560 × 1280 ,1080 × 1920 ,1440 × 2560 ,1920 × 720)	Main stream 50Hz: 20 fps (25 ,1920 × 2560 fps (2560 × 1280 ,1080 × 1920 ,1536 × 2048 ,1440 × 720) 60Hz: 20 fps (30 ,1920 × 2560 fps (2560 × 1280 ,1080 × 1920 ,1536 × 2048 ,1440 × 720)	Main stream 50Hz: 20 fps (25 ,2160 × 3840 fps (2560 × 1280 ,1080 × 1920 ,1440 × 2560 ,1920 × 720) 60Hz: 20 fps (30 ,2160 × 3840 fps (2560 × 1280 ,1080 × 1920 ,1440 × 2560 ,1920 × 720)
Multi-streaming	3 streams	3 streams	3 streams	3 streams	3 streams
Ingress Protection	IP67	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: °0 to °360, tilt: °0 to °75, rotate: °0 to °360	Pan: °0 to °360, tilt: °0 to °90, rotate: °0 to °360	Pan: °0 to °360, tilt: °0 to °90, rotate: °0 to °360	Pan: °0 to °355, tilt: °0 to °75, rotate: °0 to °355	Pan: °0 to °355, tilt: °0 to °75, rotate: °0 to °355
Working Temperature	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)	30- °C to 60+ °C (22- °F to 140+ °F)
Humidity	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Audio I/O	1/1(-S)	1/1(-S)	1/1(-S)	1/1(-S)	1/1(-S)
Alarm I/O	1/1(-S)	1/1(-S)	1/1(-S)	1/1(-S)	1/1(-S)
Power Supply	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)

	DS2-CD2935FWD-I(S)	DS2-CD2955FWD-I(S)
Model		
Image sensor	2.8/1" Progressive Scan CMOS	2.5/1" Progressive Scan CMOS
Max. Resolution	1536 × 2048	1920 × 2560
Video Compression	H.+265/H.265/MJPEG	H.+265/H.265/MJPEG
Min. Illumination	Color: 0.005Lux @ (F1.2, AGC ON)	Color: 0.005Lux @ (F1.2, AGC ON)
WDR	120dB	120dB
Lens	1.16mm	1.16mm
FOV	horizontal field of view: °180, vertical field of view: °180	horizontal field of view: °180, vertical field of view: °180
IR Range	Up to 15 m	Up to 15 m
VCA	Motion Detection, DyN/Amic AN/Alysis, Intrusion Detection, Line Crossing Detection	Motion Detection, DyN/Amic AN/Alysis, Intrusion Detection, Line Crossing Detection
Frame Rate	Main stream 50Hz: 25fps (1200 × 1600 ,1536 × 2048, 960 × 1280) 60Hz: 30fps (1200 × 1600 ,1536 × 2048, 960 × 1280)	Main stream 50Hz: 25fps (1200 × 1600 ,1536 × 2048, 960 × 1280) 60Hz: 30fps (1200 × 1600 ,1536 × 2048, 960 × 1280)
Multi-streaming	2 streams	2 streams
Ingress Protection	---	---
Angle Adjustment	---	---
Working Temperature	10- °C to 50+ °C (14- °F to 122+ °F)	10- °C to 50+ °C (14- °F to 122+ °F)
Humidity	Humidity %95 or less (---condensing)	Humidity %95 or less (---condensing)
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Audio I/O	1/1(-S)	1/1(-S)
Alarm I/O	1/1(-S)	1/1(-S)
Power Supply	DC 12V ± %25, PoE(802.3af)	DC 12V ± %25, PoE(802.3af)

NETWORK PTZ CAMERA








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تلفن: ۰۲۱ - ۸۹۳۹۵

Model	DS2-DE4A220IW	DS2-DE4A320IW	DS2-DE4A204IW	DS2-DY3220IW	DS2-DY3320IW
					
Image Sensor	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS	1.9/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS
Max. Image Resolution	1080 × 1920	1536 × 2048	1080 × 1920	1080 × 1920	1536 × 2048
Image Compression	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG
Focal Length	4.7 to 94mm, 20× Optical	4.7 to 94mm, 20× Optical	2.8 to 12mm, 4× Optical	94-4.7mm, 20X	94-4.7mm, 20X
Angle of View	*61.4 to *2.9 (wide-tele)	*58.3 to *3.2 (wide-tele)	*90.1 to *31 (wide-tele)	*3.2- *58.3(Wide-Tele)	*3.2- *58.3(Wide-Tele)
Min. Illumination	Color: 0.05 Lux @ (F1.6, AGC ON) B/W: 0.01 Lux @ (F1.6, AGC ON) 0 Lux with IR	Color: 0.05 Lux @ (F1.6, AGC ON) B/W: 0.01 Lux @ (F1.6, AGC ON) 0 Lux with IR	Color: 0.002 Lux @ (F1.6, AGC ON) B/W: 0.0002Lux @ (F1.6, AGC ON) 0 Lux with IR	Color: 0.05 Lux @ (F1.6, AGC ON), B/W: 0.005Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.05 Lux @ (F1.6, AGC ON), B/W: 0.005Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	Support	Support	Support	Support	Support
IR Distance	Up to 50m	Up to 50m	Up to 50m	Up to 100m	Up to 100m
VCA	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection
Frame rate	Main stream: 50Hz: 25fps (1080 × 1920, 720 × 1280, 960 × 1280), 50fps (720 × 1280, 960 × 1280, 1080 × 1920); 60Hz: 30fps (1280, 960 × 1280, 1080 × 1920 × 720), 60fps (720 × 1280, 960 × 1280, 1080 × 1920)	Main stream: 50Hz: 25fps (2048 × 720 × 1280, 960 × 1280, 1080 × 1536, 1920), 50fps (1280, 960 × 1280, 1080 × 1920 × 720); 60Hz: 30fps (1080 × 1920, 1536 × 2048, 720 × 1280, 960 × 1280), 60fps (720 × 1280, 960 × 1280, 1080 × 1920)	Main stream: 50Hz: 25fps (1080 × 1920, 720 × 1280, 960 × 1280), 50fps (1280, 960 × 1280, 1080 × 1920 × 720); 60Hz: 30fps (1280, 960 × 1280, 1080 × 1920 × 720), 60fps (720 × 1280, 960 × 1280, 1080 × 1920)	Main Stream: 50Hz: 25fps (1080 × 1920, 720 × 1280, 960 × 1280), 50fps (720 × 1280, 960 × 1280); 60Hz: 30fps (960 × 1280, 1080 × 1920, 720 × 1280), 60fps (720 × 1280, 960 × 1280)	Main Stream: 50Hz: 25fps (1536 × 2048, 720 × 1280, 960 × 1280, 1080 × 1920), 50fps (720 × 1280, 960 × 1280); 60Hz: 30fps (1080 × 1920, 1536 × 2048, 60, (720 × 1280, 960 × 1280)fps (1280 × 720 × 1280, 960)
Multi-Stream	Three	Three	Three	Three	Three
Protection Level	IP66	IP66	IP66	IP66	IP66
Pan/tilt range	Pan: *360 endless; Tilt: *90- *5-(Auto Flip)	Pan: *360 endless; Tilt: *90- *5-(Auto Flip)	Pan: *360 endless; Tilt: *90- *5-(Auto Flip)	-D4: Pan: *360endless, Tilt: *30 - *40-; -D: Tilt: *20- - *40-, Pan: *120 - *0S *360- *240; Tilt: *30 - *20-, Pan: *360endless	-D4: Pan: *360endless, Tilt: *30 - *40-; -D: Tilt: *20- - *40-, Pan: *120 - *0S *360- *240; Tilt: *30 - *20-, Pan: *360endless
Pan/tilt Speed	Configurable, from *0.1/s to *300/s Preset Speed: *350/s; Configurable, from *0.1/s to *160/s Preset Speed: *200/s	Configurable, from *0.1/s to *300/s Preset Speed: *350/s; Configurable, from *0.1/s to *160/s Preset Speed: *200/s	Configurable, from *0.1/s to *300/s Preset Speed: *350/s; Configurable, from *0.1/s to *160/s Preset Speed: *200/s	Pan: *60- *0.1/s, Tilt: *30- *0.1/s	Pan: *60- *0.1/s, Tilt: *30- *0.1/s
Working Temperature	*30-C to *65C (*22-F to *149F)	*30-C to *65C (*22-F to *149F)	*30-C to *65C (*22-F to *149F)	30- °C - 65 °C (Outdoor)	30- °C - 65 °C (Outdoor)
Humidity	%90 or less	%90 or less	%90 or less	%90 or less	%90 or less
Mini SD Memory Card	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card
Audio I/O	-1ch audio in/-1ch audio out	-1ch audio in/-1ch audio out	-1ch audio in/-1ch audio out	-1ch audio in/-1ch audio out	-1ch audio in/-1ch audio out
Alarm I/O	-2ch alarm in/-2ch alarm out	-2ch alarm in/-2ch alarm out	-2ch alarm in/-2ch alarm out	-1ch alarm in/-1ch alarm out	-1ch alarm in/-1ch alarm out
Power	DC 12V and PoE (802.3at, class4) Max.: 18W (IR light 5W Max.)	DC 12V and PoE (802.3at, class4) Max.: 18W (IR light 5W Max.)	DC 12V and PoE (802.3at, class4) Max.: 18W (IR light 5W Max.)	DC 12V, MAX. 19W	DC 12V, MAX. 19W





Model	DS2-DY5223IW-AE 	DS2-DE7530IW 	DS2-DE7430IW 	DS2-DE7420IW 	DS2-DE7230IW 
4.7 to 94mm, 20x Optical	1.9/1" Progressive Scan CMOS	1.9/1" Progressive Scan CMOS	1.9/1" Progressive Scan CMOS	1.9/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS
Max. Image Resolution	1920 x 1080	1944 x 2592	1536 x 2560	1536 x 2560	1080 x 1920
Image Compression	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG
Focal Length	135.7-5.9mm, 23X	5.9 mm to 177 mm	5.9 mm to 177 mm	5.9 mm to 118 mm	129.0-4.3mm, 30x
Angle of View	*3.0-°59.8(Wide-Tele)	*51.3 to °2.7	*48.8 to °2.3	*48.8 to °3.5	2.11-65.5degree (Wide-Tele)
Min. Illumination	Color: 0.002Lux @(F1.5, AGC ON), B/W:0.0002Lux @(F1.5, AGC ON)	Color: 0.005 Lux @(F1.5, AGC ON) B/W: 0.002 Lux @(F1.5, AGC ON) 0 Lux with IR	Color: 0.005 Lux @(F1.5, AGC ON) B/W: 0.002 Lux @(F1.5, AGC ON) 0 Lux with IR	Color: 0.005 Lux @(F1.5, AGC ON) B/W: 0.002 Lux @(F1.5, AGC ON) 0 Lux with IR"	F1.6, AGC On: Color: 0.05 lux, B/W : 0.01lux, 0 lux with IR
WDR	Support	Support	Support	Support	Support
IR Distance	Up to 150m	Up to 150m	Up to 150m	Up to 150m	Up to 150m
VCA	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection
Frame rate	Main Stream: 50Hz:25fps(1080×1920), 25fps(720×1280) 60Hz:30fps(30,1080×1920fps(720×1280)	50Hz: 25fps [2048, 1536 × 2560, 1944 × 2592 × 720 × 1280, 960 × 1280, 1080 × 1920, 1536 × 720] 50fps (1280, 960 × 1280, 1080 × 1920 × 720) 60Hz: 30fps [2048, 1536 × 2560, 1944 × 2592 × 720 × 1280, 960 × 1280, 1080 × 1920, 1536 × 720] 60fps (1280, 960 × 1280, 1080 × 1920 × 720)	50Hz: 25fps [2048, 1536 × 2560, 1944 × 2592 × 720 × 1280, 960 × 1280, 1080 × 1920, 1536 × 720] 50fps (1280, 960 × 1280, 1080 × 1920 × 720) 60Hz: 30fps [2048, 1536 × 2560, 1944 × 2592 × 720 × 1280, 960 × 1280, 1080 × 1920, 1536 × 720] 60fps (1280, 960 × 1280, 1080 × 1920 × 720)	50Hz: 25fps [2048, 1536 × 2560, 1944 × 2592 × 720 × 1280, 960 × 1280, 1080 × 1920, 1536 × 720] 50fps (720 × 1280, 960 × 1280, 1080 × 1920) 60Hz: 30fps [2048, 1536 × 2560, 1944 × 2592 × 720 × 1280, 960 × 1280, 1080 × 1920, 1536 × 720] 60fps (720 × 1280, 960 × 1280, 1080 × 1920)	Main stream: 50Hz: 25fps (1920 × 1080, 1280 × 720, 960 × 1280, 1080 × 1920, 1536 × 720, 960 × 1280, 1080 × 1920) ; 60Hz: 30fps (1920 × 1080, 1280 × 720, 960 × 1280, 1080 × 1920)
Multi-Stream	Two	Three	Three	Three	Three
Protection Level	IP66	IP66	IP66	IP66	IP66
Pan/tilt range	Pan: °360 endless, Tilt: °90--°90+	Pan:°360 endless; Tilt: °90-°15-(Auto Flip)	Pan:°360 endless; Tilt: °90-°15-(Auto Flip)	Pan: °360 endless; Tilt: °90-°15-(Auto Flip)	Pan: °360 endless; Tilt: °90-°15-(Auto Flip)
Pan/tilt Speed	Pan: °200-°0.1/s, Tilt: °50-°0.1/s	Pan Manual Speed: °160-°0.1/s, Pan Preset Speed: °240/s; Tilt Manual Speed: °120-°0.1/s, Tilt Preset Speed: °200/s	Pan Manual Speed: °160-°0.1/s, Pan Preset Speed: °240/s; Tilt Manual Speed: °120-°0.1/s, Tilt Preset Speed: °200/s	Pan Manual Speed: °160-°0.1/s, Pan Preset Speed: °240/s; Tilt Manual Speed: °120-°0.1/s, Tilt Preset Speed: °200/s	Pan Manual Speed: °160-°0.1/s, Pan Preset Speed: °240/s; Tilt Manual Speed: °120-°0.1/s, Tilt Preset Speed: °200/s
Working Temperature	*40-C - °65C	*30-C - °65C (*22-F - °149F)	*30-C - °65C (*22-F - °149F)	*30-C - °65C (*22-F - °149F)	*30-C - °65C (*22-F - °149F)
Humidity	%90 or less	%90 or less	%90 or less	%90 or less	%90 or less
Mini SD Memory Card	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card
Audio I/O	-1ch audio in/-1ch audio out	-1ch audio in/-1ch audio out	-1ch audio in/-1ch audio out	-1ch audio in/-1ch audio out	-1ch audio in/-1ch audio out
Alarm I/O	-7ch alarm in/-2ch alarm out	-2ch alarm in/-1ch alarm out	-2ch alarm in/-1ch alarm out	-2ch alarm in/-1ch alarm out	-2ch alarm in/-1ch alarm out
Power	Hi-PoES24 VAC, Max. 45W	High-PoES24 VAC, Max.40W	High-PoES24 VAC, Max.40W	High-PoES24 VAC, Max.40W	High-PoES24 VAC, Max.40W



Model	DS2-DE7220IW	DS2-DE7330IW	DS2-DE7320IW	DS2-DE5220IW	DS2-DE5230W
					
Image Sensor	2.8/1" Progressive Scan CMOS	2.8/1" progressive scan CMOS	2.8/1" progressive scan CMOS	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS
Max. Image Resolution	1080 × 1920	1536 × 2048	1536 × 2048	1080 × 1920	1080 × 1920
Image Compression	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG
Focal Length	94.0-4.3mm, 20x	4.3 to 129mm, 30× Optical	4.7 to 94mm, 20× Optical	94-4.7mm, 20x	129-4.3mm, 30x
Angle of View	2.9-61.4 degree (Wide-Tele)	2.8 - 57.4 degree (wide-tele)	3.2 -58.3 degree (wide-tele)	2.9-61.4 degree (Wide-Tele)	2.11 -65.5 degree (Wide-Tele)
Min. Illumination	F1.6, AGC On: Color: 0.05 lux, B/W : 0.01lux, 0 lux with IR	Color: 0.05 Lux @ (F1.6, AGC ON), B/W: 0.01Lux @ (F1.6, AGC ON) IR: 0 Lux	Color: 0.05 Lux @ (F1.6, AGC ON), B/W: 0.01Lux @ (F1.6, AGC ON) IR: 0 Lux	F1.6, AGC On: Color: 0.05 lux, B/W : 0.01 lux	0.05Lux @ (F1.6, AGC ON), B/W: 0.01Lux @ (F1.6, AGC ON)
WDR	Support	Support	Support	Support	Support
IR Distance	Up to 150m	Up to 150m	Up to 150m	Up to 150m	---
VCA	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection
Frame rate	Main stream: 50Hz: 25fps (1920 × 50 ,720×960,1280×1080,1280fps (720×960,1280×1280) ; 60Hz: 30fps(1920 × 60 ,720×960,1280×1080,1280fps (720×960,1280×1280)	Main stream: 50Hz: 25fps (1536,1920×2048 × 50 ,720×960,1280×1080,1280fps (720×960,1280×1280) ; 60Hz: 30fps(1536,1920×2048 × 60 ,720×960,1280×1080,1280fps (720×960,1280×1280)	Main stream: 50Hz: 25fps (1536,1920×2048 × 50 ,720×960,1280×1080,1280fps (720×960,1280×1280) ; 60Hz: 30fps(1536,1920×2048 × 60 ,720×960,1280×1080,1280fps (720×960,1280×1280)	Main stream: 50Hz: 25fps (1920 × 50 ,720×960,1280×1080,1280fps (720×960,1280×1280) ; 60Hz: 30fps(1920 × 60 ,720×960,1280×1080,1280fps (720×960,1280×1280)	Main stream: 50Hz: 25fps (1920 × 50 ,720×960,1280×1080,1280fps (720×960,1280×1280) ; 60Hz: 30fps(1920 × 60 ,720×960,1280×1080,1280fps (720×960,1280×1280)
Multi-Stream	Three	Three	Three	Three	Three
Protection Level	IP66	IP66	IP66	IP66	IP66
Pan/tilt range	Pan: °360 endless; Tilt: °90-°15-(Auto Flip)	Pan: °360 endless; Tilt: °90-°15-(Auto Flip)	Pan: °360 endless; Tilt: °90-°15-(Auto Flip)	Pan: °360 endless; Tilt: °90-°5-(Auto Flip)	Pan: °360 endless; Tilt: °90-°5-(Auto Flip)
Pan/tilt Speed	Pan Manual Speed: °160-°0.1/s, Pan Preset Speed: °240/s; Tilt Manual Speed: °120-°0.1/s, Tilt Preset Speed: °200/s	Configurable, from °0.1/s to °160/s Preset Speed: °240/s; Configurable, from °0.1/s to °120/s Preset Speed: °200/s	Configurable, from °0.1/s to °160/s Preset Speed: °240/s; Configurable, from °0.1/s to °120/s Preset Speed: °200/s	Pan Manual Speed: °250-°0.1/s, Pan Preset Speed: °300/s Tilt Manual Speed: °150-°0.1/s, Tilt Preset Speed: °200/s	Pan Manual Speed: °250-°0.1/s, Pan Preset Speed: °300/s Tilt Manual Speed: °150-°0.1/s, Tilt Preset Speed: °200/s
Working Temperature	°30-C - °65C (°22-F - °149F)	°30-C to °65C (°22-F to °149F)	°30-C to °65C (°22-F to °149F)	-AE: °30-C to °65C (°22-F to °149F) -AE°10- :3C to °50C (°14F to °122F)	-AE: °30-C to °65C (°22-F to °149F) -AE°10- :3C to °50C (°14F to °122F)
Humidity	%90 or less	%90 or less	%90 or less	%90 or less	%90 or less
Mini SD Memory Card	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card
Audio I/O	-1ch audio in/-1ch audio out	-1ch audio in/-1ch audio out	-1ch audio in/-1ch audio out	-1ch audio in/-1ch audio out	-1ch audio in/-1ch audio out
Alarm I/O	-2ch alarm in/-1ch alarm out	-2ch alarm in/-1ch alarm out	-2ch alarm in/-1ch alarm out	-2ch alarm in/-1ch alarm out	-2ch alarm in/-1ch alarm out
Power	High-PoES24 VAC, Max.40W	High-PoES24 VAC, Max.40W	High-PoES24 VAC, Max.40W	AC 24V and PoE (802.3at, class4) Max.: 18W	AC 24V and PoE (802.3at, class4) Max.: 18W



	DS2-DE5220W	DS2-DE5330W
Model		
Image Sensor	2.8/1" Progressive Scan CMOS	2.8/1" Progressive Scan CMOS
Max. Image Resolution	1080 × 1920	1536 × 2048
Image Compression	H.+265/H.265/H.+264/H.264/MJPEG	H.+265/H.265/H.+264/H.264/MJPEG
Focal Length	94-4.7mm, 20x	4.3 to 129mm, 30× Optical
Angle of View	2.9-61.4 degree (Wide-Tele)	°57.4 to °2.8 (wide-tele)
Min. Illumination	F1.6, AGC On: Color: 0.05 lux, B/W : 0.01 lux	Color: 0.05 Lux @ (F1.6, AGC ON), B/W: 0.01Lux @ (F1.6, AGC ON)
WDR	Support	Support
IR Distance	--	--
VCA	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Support Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection
Frame rate	Main stream: 50Hz: 25fps (1920 × 50, (720×960,1280×1080,1280fps (720×960,1280×1280) ; 60Hz: 30fps(60, (720×960,1280×1080,1280 × 1920fps (720×960,1280×1280)	Main stream: 50Hz: 25fps (1536,1920×2048 × 50, (720×960,1280×1080,1280fps (720×960,1280×1280) ; 60Hz: 30fps(1536,1920×2048 × 60, (720×960,1280×1080,1280fps (720×960,1280×1280)
Multi-Stream	Three	Three
Protection Level	IP66	IP66
Pan/tilt range	Pan: °360 endless; Tilt: °90-°5-(Auto Flip)	Pan: °360 endless; Tilt: °90-°5-(Auto Flip)
Pan/tilt Speed	Pan Manual Speed: °250-°0.1/s, Pan Preset Speed: °300/s Tilt Manual Speed: °150-°0.1/s, Tilt Preset Speed: °200/s	Pan Manual Speed: °250-°0.1/s, Pan Preset Speed: °300/s Tilt Manual Speed: °150-°0.1/s, Tilt Preset Speed: °200/s
Working Temperature	-AE: °30-C to °65C (°22-F to °149F) -AE°10- :3C to °50C (°14F to °122F)	-AE: °30-C to °65C (°22-F to °149F) -AE°10- :3C to °50C (°14F to °122F)
Humidity	%90 or less	%90 or less
Mini SD Memory Card	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card
Audio I/O	-1ch audio in/-1ch audio out	-1ch audio in/-1ch audio out
Alarm I/O	-2ch alarm in/-1ch alarm out	-2ch alarm in/-1ch alarm out
Power	AC 24V and PoE (802.3at, class4) Max.: 18W	AC 24V and PoE (802.3at, class4) Max.: 18W



NETWORK VIDEO RECORDER



NVR EasyIP3.0 Series

Model	DS7732-NI-K16(/)4P]	DS7716-NI-K16(/)4P]	DS7616-NI-K16(/)2P]	DS7608-NI-K8(/)2P]	DS7604-NI-K4(/)1P]
					
hardware platform	ARM	ARM	ARM	ARM	ARM
channel	32	16	16	8	4
Decoding format	H.+265/H.+264/H.264	H.+265/H.+264/H.264	H.+265/H.+264/H.264	H.+265/H.+264/H.264	H.+265/H.+264/H.264
Incoming/outgoing bandwidth	256Mbps/160Mbps	160Mbps/160Mbps	256Mbps/160Mbps	160Mbps/160Mbps	40Mbps/ 80Mbps
Decoding Capability	-2ch @ 4K, or -8ch @ 1080p	-2ch @ 4K, or -8ch @ 1080p	-2ch @ 4K, or -8ch @ 1080p	-2ch @ 4K, or -8ch @ 1080p	-4ch @ 1080p
Recording Resolution	Up to 8MP	Up to 8MP	Up to 8MP	Up to 8MP	Up to 8 MP
Display	1 × HDMI, 1 × VGA	1 × HDMI, 1 × VGA	1 × HDMI, 1 × VGA	1 × HDMI, 1 × VGA	1 x HDMI, 1 x VGA
LCD	6TB × 4	6TB × 4	6TB × 2	6TB × 2	---
Storage capacity	---	---	---	---	6TB x 1
eSATA/Mini SAS	---	---	---	---	---
RAID type	---	---	---	---	---
Audio output	-1ch, RCA (Linear, 1 KΩ)	-1ch, RCA (Linear, 1 KΩ)	-1ch, RCA (Linear, 1 KΩ)	-1ch, RCA (Linear, 1 KΩ)	-1ch, RCA (Linear, 1 KΩ)
Alarm input/output	4/16	4/16	1/4	1/4	---
Network interface	2 RJ1000/100/10 45m or 1 RJ45 1000/100/10m + 16 RJ100/10 45m(/16P model)	2 RJ1000/100/10 45m or 1 RJ45 1000/100/10m + 16 RJ100/10 45m(/16P model)	1 RJ1000/100/10 45m + 16 RJ45 100/10m(/16P model)	1 RJ1000/100/10 45m + 8 RJ45 100/10m(/8P model)	1 RJ100/10 45m + 4 RJ100 45m(/4P model)
PoE port	16 with /16P model	16 with /16P model	16 with /16P model	8 with /8P model	4 with /4P model
USB port	2 × USB 1 ,2.0 × USB 3.0	2 × USB 1 ,2.0 × USB 3.0	1 × USB 1 ,2.0 × USB 3.0	1 × USB 1 ,2.0 × USB 3.0	1 × USB 1 ,2.0 × USB 3.0
smart function	Intrusion,Line crossing,Unattended Baggage,Object removal,Region exiting/entrance,People gathering,Fast moving,Parking,Loitering	Intrusion,Line crossing,Unattended Baggage,Object removal,Region exiting/entrance,People gathering,Fast moving,Parking,Loitering	Intrusion,Line crossing,Unattended Baggage,Object removal,Region exiting/entrance,People gathering,Fast moving,Parking,Loitering	Intrusion,Line crossing,Unattended Baggage,Object removal,Region exiting/entrance,People gathering,Fast moving,Parking,Loitering	Intrusion,Line crossing,Unattended Baggage,Object removal,Region exiting/entrance,People gathering,Fast moving,Parking,Loitering
Power consumption(without HDD)	≤ 20W(without enabling PoE)	≤ 20W(without enabling PoE)	≤ 15W(without enabling PoE)	≤ 15W(without enabling PoE)	≤ 10W(without enabling PoE)
	Entry 4K NVR,easy to install with PoE model	Entry 4K NVR,easy to install with PoE model	Entry 4K NVR,easy to install with PoE model	Entry 4K NVR,easy to install with PoE model	Entry 4K NVR,easy to install with PoE model



انتقال پایدار با کابل های هایک ویژن


















































- CAT. 5e and 6
- UTP / Indoor PVC / 24)23)AWG
- Full 305m
- UL Certified
- OFC / 0.5)0.565)mm
- CM Fire Resistance

نصب آسان سوئیچ PoE















- Long Transmission Distance($\geq 25m$)
- Hi PoE Power Supply (IEEE 802.3af/at)
- 4KV Surge Protection
- VIP Port Optimized

Accessories

												
	20xx Series	2Tx Series	4Bxx Series	DS1280-ZJ-XS DS1280-ZJ-S	DS1275-ZJ-SUS	DS1276-ZJ-SUS						
	Description			Junction box	Vertical pole mount	Corner mount						
Dome camera												
	21xx Series	DS1259-ZJ	DS1271-ZJ110-	DS1272-ZJ110-	DS1272-ZJ110-B	DS1275-ZJ-SUS	DS1276-ZJ-SUS	DS1280-ZJ-DM18	DS1258-ZJ	DS1253-ZJ-M	DS1250-ZJ	
	Description		Inclined ceiling mount	Pendant mount	Wall mount	Wall mount	Vertical pole mount	Corner mount	Junction box	Wall mount	Rain shade	Rain shade
												
	23xx Series	DS1273-ZJ-130-TRL	DS1275-ZJ-SUS	DS1276-ZJ-SUS	DS1280-ZJ-DM8	DS1281-ZJ-M	DS1271-ZJ-130-TRL					
	Description		Wall mount	Vertical pole mount	Corner mount	Junction box	Inclined ceiling mount	Pendant mount				
												
	29xx Series	DS1294-ZJ	DS1281-ZJ-DM27	DS1297-ZJ	DS1299-ZJ							
	Description		Wall mount	Inclined ceiling mount	Pendant mount (extendable)	Pendant Mount						
	PTZ Dome camera											
DE5xxxW Series		DE5xxxIW Series	DE7xxxIW Series	DF5xxxX Series	DF6xxxX Series	DF8xxxX Series						
												
DS1661-ZJ		DS1662-ZJ	DS1663-ZJ	DS1660-ZJ	DS1604-ZJ	DS1604-ZJ-pole	DS1604-ZJ-corner	DS1604-ZJ-box	DS1604-ZJ-BOX-POLE	DS1604-ZJ-BOX-CORNER	DS1619-ZJ	DS1667-ZJ
Pendant mount		Pendant mount	Ceiling mount	Parapet wall mount	Wall mount	Vertical pole mount	Corner mount	Wall mount with junction box	Vertical Pole Mount with junction box	Wall Mount with junction box	Gooseneck mount	Extendable pole for Pendant mount



Accessories

PT11							
	DS2-DE4Axxx DS2-DE44204IW-DE DS2-DE4A220IW-DE DS2-DE4A320IW-DE	DS1605-ZJ Wall Mount Bracket	DS1671-ZJ-SD11 In-ceiling Mount Bracket	DS1280-ZJ-SD11 Junction Box	DS1691-ZJ-L Pendant mount	DS1691-ZJ-M Pendant mount	DS1691-ZJ Pendant mount
	Description	Hik white Aluminum alloy 228.6×120×183.5 mm, 1120g	Hik white Aluminum alloy Ø85×233mm	Hik white Aluminum alloy Ø40×158mm	Hik white Steel 124x84x1000mm 2175g	Hik white Steel 124x84x500mm 1175g	Hik white Aluminum alloy 335×124×84mm 980g
Positioning System Lite							
	DS2-DY5223IW-AE	DS1693-ZJ-S Wall mount					
	Description	Hik white steel 309×182×167mm, 2330g Outdoor					
PT Bullet Camera							
	DS2-DY3xxxIW-DE	DS1280-ZJ-M(SPTZ) Junction Box	DS1281-ZJ-M(SPTZ) Inclined ceiling mount	DS1275-ZJ(SPTZ) Pole mount			
	Description	"Hik white steel 157 x 53.4 x 184mm, 621g" Outdoor	"Hik white steel 157 x 61.8 x 165.7mm, 586g" Outdoor	"Hik white steel 250 x 127 x 140mm" Outdoor			

Accessories

Lens						
Appearance						
Model	HV3816P8-MPIR	HV1140P8-MPIR	HV0733D6-MP	TV2713D5-MP	HF3417D12-MPIR	
Description	<ul style="list-style-type: none"> Image size: 1.8/1" Aperture: F1.4 Focus length: 16-3.8mm Mount: CS Resolution: 8MP 	<ul style="list-style-type: none"> Image size: 1.8/1" Aperture: F1.4 Focus length: 40-11mm Mount: CS Resolution: 8MP 	<ul style="list-style-type: none"> Image size: 1.8/1" Aperture: F0.95 Focus length: 33-7mm Mount: CS Resolution: 6MP 	<ul style="list-style-type: none"> Image size: 2.7/1" Aperture: F0.95 Focus length: 13-2.7mm Mount: CS Resolution: 5MP 	<ul style="list-style-type: none"> Image size: 1.7/1" Aperture: F1.7 Focus length: 3.4mm Mount: CS Resolution: 12MP 	
Pickup			Mirco SD Card			
Appearance						
Model	DS2-FP-4021B	DS2-FP2020	DS-UTF64/326-H1	DS-UTF128/64/32/166-L1		
Description	<ul style="list-style-type: none"> Hi-fidelity Pickup Input DC 12V Scope: up to 60m2 Sensitive: 41-dB External Size: 64mm×20mm(diameter×height) 	<ul style="list-style-type: none"> Fidelity Pickup Input DC 12V Scope: up to 70m2 Sensitive: 32-dB External Size: Ø78mm×28mm 	<ul style="list-style-type: none"> MLC Class10(reading25MB/s, writing: 20MB/s) Storage capacity: 64/32G 	<ul style="list-style-type: none"> TLC Class10(reading25MB/s, writing: 20MB/s) Storage capacity: 128/64/32/16G 		
PoE Switch					Tool	
Appearance						
Model	DS3-E0326P-E	DS3-E1326P-E	DS3-D2228P	IPC4300-H		
Description	<ul style="list-style-type: none"> Unmanaged L2 PoE Switch 100/10×24Mbps PoE ports, each port support 802.3af/802.3at self-adaption 1000×2M combo port 370Watts PoE budget 250m transmission 4 kV surge protection Plug-and-play installation 	<ul style="list-style-type: none"> Managed L2 PoE Switch 100/10×24Mbps PoE ports, each port support 802.3af/802.3at self-adaption 1000×2M combo port 370Watts PoE budget 250m transmission 4 kV surge protection Web-managed: VLAN, Port Mirroring, SNMP, etc. 	<ul style="list-style-type: none"> Full Managed L2 PoE Switch 100/10×24Mbps PoE ports, each port support802.3af/802.3at self-adaption 4×Gigabit combo ports 370Watts PoE budget QoS and flow control VLAN support and tagging Spanning Tree Protocol(STP) Network Management: SNMP, Telnet, RMON, CLI Network Security: IEEE 802.1x, IP ACL, MAC ACL, VLAN,ACL, and static/dynamic ARP prevention 	<ul style="list-style-type: none"> Integrated Mount Tester For IPC, HDTVI, Analog camera TDR,record,playback,etc 		
Keyboard			Network Cable			
Appearance				Appearance		
Model	DS1100-KI	DS1200-KI	DS1005-KI	Model	DS1-LN-6UU	DS1-LN5E-S
Description	<ul style="list-style-type: none"> 7" TFT touch screen with 480×800 resolution Live view and video playback Video wall control -4axis joystick Macro command operation Up to 255 analog domes by RS485-connection Compatible with Hikvision IP cameras, DVR/NVR,decoder, matrix 	<ul style="list-style-type: none"> 128x64 LED dot matrix screen PTZ and TV wall control -4axis joystick System upgrade and import / export of configuration files by USB-flash disk Network access and configuration by Web browser support 	<ul style="list-style-type: none"> USB HID protocol Power supply and communication by USB port directly PTZ control: set and call the preset, patrol and pattern DVR/NVR menu control Compatible with client software and platform software 	Description	<ul style="list-style-type: none"> HIKVISION E-484059Z (UL) CM 4PR 23AWG 75 C U/UTP CAT6 VERIFIED TO ANSI/TIA-568-C.1 PVC ****m mm/dd/yyyy 	<ul style="list-style-type: none"> HIKVISION E-484059Z CM (UL) 4PR 24AWG 75 C U/UTP CAT5E VERIFIED TO ANSI/TIA-568-C.2 PVC ****m mm/dd/yyyy





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شرکت پارس ارتباط افزار پیشرو در ارائه تجهیزات فناوری اطلاعات

دفتر مرکزی: تهران، خیابان ولیعصر، خیابان زعفرانیه، خیابان اعجازی، ساختمان ۳۹.

دفتر خدمات پس از فروش: تهران، خیابان شهید بهشتی، خیابان سرافراز، کوچه سوم، ساختمان ۱۲.

فکس: ۰۴ ۸۸۷ ۸۸۵ - ۰۲۱

تلفن: ۰۲۱ - ۸ ۹۳ ۹۵