

HIKVISION NETWORK SPEED DOME SELECTION

	DS-2DF1-401H	DS-2DF1-512 DS-2DF1-502	DS-2DF1-514 DS-2DF1-504	DS-2DF1-516 DS-2DF1-506	DS-2DF1-518 DS-2DF1-508	DS-2DF1-672
Model						
Image Sensor	1/4" Interline Transfer SONY CCD	1/4" Sony Super HAD CCD	1/4" Sony Super HAD CCD	1/4" Sony Super HAD CCD	1/4" Sony Super HAD CCD	1/3" Sony Progressive Scan CCD
Effective Pixels	PAL: 752 (H)×582 (V) NTSC: 768 (H)×494 (V)	PAL: 752 (H)×582 (V) NTSC: 768 (H)×494 (V)	PAL: 752 (H)×582 (V) NTSC: 768 (H)×494 (V)	PAL: 752 (H)×582 (V) NTSC: 768 (H)×494 (V)	PAL: 752 (H)×582 (V) NTSC: 768 (H)×494 (V)	1280(H)×960(V)
Horizontal Resolution	500TVL (Color) 570TVL (B/W)	480TVL	480TVL (Color) 520TVL (B/W)	540TVL (Color) 570TVL (B/W)	540TVL (Color) 570TVL (B/W)	-
Min. Illumination	0.7Lux / F1.4 (Color) 0.02Lux / F1.4 (B/W)	0.1Lux / F1.6	0.2Lux / F1.6 (Color) 0.02Lux / F1.6 (B/W)	0.2Lux/F1.4 (Color) 0.02Lux/F1.4 (B/W)	0.2Lux/F1.4 (Color) 0.02Lux/F1.4 (B/W)	0.1Lux/F1.6 (Color) 0.01Lux/F1.6 (B/W)
Day&Night	ICR	Electronic	ICR	ICR	ICR	ICR
Digital Zoom	10x	-	-	16x	16x	12x
Zoom Ratio	3.8-38mm, 10x	3.9-85.8mm, 22x	3.84-88.4mm, 23x	3.5-105mm, 30x	3.4-122.4mm, 36X	4.7-84.6mm, 18x
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless
Pan Speed	Pan Manual Speed: 0.1°~300°/220°/300°/s, Pan Preset Speed: 400°/s	Pan Manual Speed: 0.1°~300°/s, Pan Preset Speed: 540°/s	Pan Manual Speed: 0.1°~300°/s, Pan Preset Speed: 540°/s	Pan Manual Speed: 0.1°~300°/s, Pan Preset Speed: 540°/s	Pan Manual Speed: 0.1°~300°/s, Pan Preset Speed: 540°/s	Pan Manual Speed: 0.1°~75°/s, Pan Preset Speed: 75°/s
Tilt Range	-2°~90° (Auto Flip)	-5°~185° (Auto Flip)	-5°~185° (Auto Flip)	-5°~185° (Auto Mirror)	-5°~185° (Auto Mirror)	-5°~90°
Tilt Speed	Tilt Manual Speed: 0.1°~90°/s, Tilt Preset Speed: 200°/s	Tilt Manual Speed: 0.1°~240°/s, Tilt Preset Speed: 400°/s	Tilt Manual Speed: 0.1°~240°/s, Tilt Preset Speed: 400°/s	Tilt Manual Speed: 0.1°~240°/s, Tilt Preset Speed: 400°/s	Tilt Manual Speed: 0.1°~240°/s, Tilt Preset Speed: 400°/s	Tilt Manual Speed: 0.1°~50°/s, Tilt Preset Speed: 50°/s
Number of Preset	256	256	256	256	256	256
Patrols	8	8	8	8	8	8
Patterns	4	4	4	4	4	4
Video Compression	H.264	H.264	H.264	H.264	H.264	H.264
Max. Image Resolution	PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480	1280×960
Frame Rate	25fps (704×576) 30fps (704×480)	25fps (704×576) 30fps (704×480)	25fps (704×576) 30fps (704×480)	25fps (704×576) 30fps (704×480)	25fps (704×576) 30fps (704×480)	12.5fps(1280×960), 25 fps (1280×720), 25 fps (640×480)
Multi-level Security	Yes	Yes	Yes	Yes	Yes	Yes
Alarm Input	1	7	7	7	7	1
Alarm Output	1	2	2	2	2	1
Working Temperature	-10°C ~ 50°C (indoor)	-30°C ~ 65°C (outdoor) -10°C ~ 50°C (indoor)	-30°C ~ 65°C (outdoor) -10°C ~ 50°C (indoor)	-30°C ~ 65°C (outdoor) -10°C ~ 50°C (indoor)	-30°C ~ 65°C (outdoor) -10°C ~ 50°C (indoor)	-30°C ~ 65°C (outdoor) -10°C ~ 50°C (indoor)

HIKVISION SPEED DOME SELECTION







Model	DS-2AF1-401X	DS-2AF1-512 DS-2AF1-502	DS-2AF1-514 DS-2AF1-504	DS-2AF1-516 DS-2AF1-506	DS-2AF1-518 DS-2AF1-508
					
Image Sensor	1/4" Interline Transfer SONY CCD	1/4" Sony Super HAD CCD	1/4" Sony Super HAD CCD	1/4" Sony Super HAD CCD	1/4" Sony Super HAD CCD
Effective Pixels	PAL: 752 (H)×582 (V) NTSC: 768 (H)×494 (V)	PAL: 752 (H)×582 (V) NTSC: 768 (H)×494 (V)	PAL: 752 (H)×582 (V) NTSC: 768 (H)×494 (V)	PAL: 752 (H)×582 (V) NTSC: 768 (H)×494 (V)	PAL: 752 (H)×582 (V) NTSC: 768 (H)×494 (V)
Horizontal Resolution	500TVL (Color) 570TVL (B/W)	480TVL	480TVL (Color) 520TVL (B/W)	540TVL (Color) 570TVL (B/W)	540TVL (Color) 570TVL (B/W)
Min. Illumination	0.7Lux / F1.4 0.02Lux / F1.4 (B/W)	0.1Lux / F1.6	0.2Lux / F1.6 (Color) 0.02Lux / F1.6 (B/W)	0.2Lux/F14 (Color) 0.02Lux/F1.4 (B/W)	0.2Lux/F14 (Color) 0.02Lux/F1.4 (B/W)
Day&Night	ICR	Electronic	ICR	ICR	ICR
Digital Zoom	10x	-	-	16x	16x
Zoom Ratio	3.8-38mm, 10x	3.9-85.8mm, 22x	3.84-88.4mm, 23x	3.5-105mm, 30x	3.4-122.4mm, 36X
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Pan Speed	Pan Manual Speed: 0.1°~300°/s, Pan Preset Speed: 400°/s	Pan Manual Speed: 0.1°~300°/s, Pan Preset Speed: 540°/s	Pan Manual Speed: 0.1°~300°/s, Pan Preset Speed: 540°/s	Pan Manual Speed: 0.1°~300°/s, Pan Preset Speed: 540°/s	Pan Manual Speed: 0.1°~300°/s, Pan Preset Speed: 540°/s
Tilt Range	-2°~90° (Auto Flip)	-5°~185° (Auto Flip)	-5°~185° (Auto Flip)	-5°~185° (Auto Mirror)	-5°~185° (Auto Mirror)
Tilt Speed	Tilt Manual Speed: 0.3°~60°/75°/90°/s, Tilt Preset Speed: 200°/s	Tilt Manual Speed: 0.1°~240°/s, Tilt Preset Speed: 400°/s	Tilt Manual Speed: 0.1°~240°/s, Tilt Preset Speed: 400°/s	Tilt Manual Speed: 0.1°~240°/s, Tilt Preset Speed: 400°/s	Tilt Manual Speed: 0.1°~240°/s, Tilt Preset Speed: 400°/s
Number of Preset	256	256	256	256	256
Patrols	8	8	8	8	8
Patterns	4	4	4	4	4
Alarm Input	2	7	7	7	7
Alarm Output	1	2	2	2	2
RS-485 Protocols	HIKVISION, PELCO-P, PELCO-D, self-adaptive	HIKVISION, PELCO-P, PELCO-D, self-adaptive	HIKVISION, PELCO-P, PELCO-D, self-adaptive	HIKVISION, PELCO-P, PELCO-D, self-adaptive	HIKVISION, PELCO-P, PELCO-D, self-adaptive
Working Temperature	-10°C ~ 50°C (indoor)	-30°C ~ 65°C (outdoor) -10°C ~ 50°C (indoor)	-30°C ~ 65°C (outdoor) -10°C ~ 50°C (indoor)	-30°C ~ 65°C (outdoor) -10°C ~ 50°C (indoor)	-30°C ~ 65°C (outdoor) -10°C ~ 50°C (indoor)

HIKVISION NETWORK CAMERA SELECTION

Model	DS-2CD883F-E	DS-2CD876BF	DS-2CD863P(N)F-E	DS-2CD854F-E	DS-2CD853F-E	DS-2CD893P(N)FWD-E(W)	DS-2CD893P(N)F-E(W)
Image Sensor	1/2.5" Progressive Scan CMOS	1/1.8" SONY Progressive Scan CCD	1/3" SONY Progressive Scan CCD	1/2.5" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" SONY vertical double density interline CCD	1/3" SONY CCD
Min. Illumination	Color: 0.6Lux @ F1.2 B/W: 0.08Lux @ F1.2	Color: 0.5 Lux @ F1.2; B/W: 0.05 Lux @ F1.2	Color: 0.1Lux @ F1.2 B/W: 0.01Lux @ F1.2	Color: 0.6Lux @ F1.2 B/W: 0.08Lux @ F1.2	Color: 0.5Lux @ F1.2, 0.1Lux @ (F1.2, sensitivity×5) B/W: 0.05Lux @ F1.2, 0.01Lux @(F1.2, sensitivity×5)	Color: 0.1Lux @ F1.2 B/W: 0.01Lux @ F1.2	Color: 0.02Lux @ F1.2 B/W: 0.002Lux @ F1.2
Lens	C/CS mount DC	C/CS mount	C/CS mount DC	C/CS mount DC	C/CS mount DC	C/CS mount DC	C/CS mount DC
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
Video Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
Max. Image Resolution	2560×1920	1600×1200	1280 x 960	2048 x 1536	1600 x 1200	PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480
Frame Rate	50Hz	25fps (1200×1600)	12.5fps (1280×960) 25fps (1280 x 720)	12.5fps (2048×1536) 25fps (1920×1080) 25fps (1600×1200)	12.5fps (1600×1200) 12.5fps (1600×912) 25fps (1280×960) 25fps (1280×720)	25fps (704×576)	25fps (704×576)
	60Hz	7.5fps (2560×1920) 15fps (2048×1536) 30fps (1920×1080) 30fps (1600×1200) 30fps (1280×720)	25fps (1200×1600)	15fps (1280×960), 30fps (1280 x 720)	15fps (2048×1536) 30fps (1920×1080) 30fps (1600×1200)	15fps (1600×1200) 15fps (1600×912) 25fps (1280×960) 30fps (1280×720)	30fps (704×480)
Password Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power over Ethernet (PoE)	Yes	No	Yes	Yes	Yes	Yes	Yes
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dual Stream	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SD Card Local Recording	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Audio Input/Output	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Alarm Input/Output	1/1	4/3	1/1	1/1	1/1	1/1	1/1

Model		DS-2CD833F-E(W)	DS-2CD8153F-E	DS-2CD8133F-E	DS-2CD812P(N)F-E(W)	DS-2CD802P(N)F-E(W)
Image Sensor		1/4" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD
Effective Pixels		-	-	-	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 500(H)×582(V) NTSC: 510(H)×492(V)
Min. Illumination		Color: 0.2Lux @ F1.2 B/W: 0.02Lux @ F1.2	0.5Lux @ F1.2, 0.1Lux @ (F1.2, sense up×5) 1.1Lux @ F1.8, 0.2Lux @ (F1.8, sense up×5)	0.4 Lux @ F1.2 0.9 Lux @ F1.8	0.1Lux @ F1.2	0.1Lux @ F1.2
Horizontal Resolution		-	-	-	480TVL	420TVL
Lens		C/CS mount DC	4mm@F1.8 Angle of view: 54.9°	4mm@F1.8, Angle of view: 54.9°	C/CS mount DC/Video	C/CS mount DC/Video
Day & Night		ICR	Electronic	Electronic	Electronic	Electronic
Video Compression		H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264 or MPEG-4	H.264 or MPEG-4
Max. Image Resolution		640×480	1600x1200	640×480	PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480
Frame Rate	50Hz	25fps (640×480)	12.5fps (1600x1200) 12.5fps (1600x912) 25fps (1280x960) 25fps (1280x720)	25fps (640x480)	25fps (704×576)	25fps (704×576)
	60Hz	30fps (640×480)	15fps (1600x1200) 15fps (1600x912) 25fps (1280x960) 30fps (1280x720)	30fps(640x480)	30fps (704×480)	30fps (704×480)
Password Protection		Yes	Yes	Yes	Yes	Yes
Power over Ethernet (PoE)		Yes	Yes	Yes	Yes	Yes
Motion Detection		Yes	Yes	Yes	Yes	Yes
Dual Stream		Yes	Yes	Yes	Yes	Yes
SD Card Local Recording		Yes	Yes	Yes	Yes	Yes
Audio Input/ Output		1/1	Built-in Microphone and Speaker	Built-in Microphone and Speaker	1/1	1/1
Alarm Input/ Output		1/1	-	-	1/1	1/1

Model		DS-2CD892P(N)-IR5	DS-2CD812P(N)-IR5	DS-2CD802P(N)-IR5	DS-2CD892P(N)-IR3	DS-2CD812P(N)-IR3	DS-2CD802P(N)-IR3	DS-2CD892P(N)-IR1	DS-2CD812P(N)-IR1	DS-2CD802P(N)-IR1
Image Sensor		1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD
Effective Pixels		PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 500(H)×582(V) NTSC: 510(H)×492(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 500(H)×582(V) NTSC: 510(H)×492(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 500(H)×582(V) NTSC: 510(H)×492(V)
Min. Illumination		0.1Lux @ F1.2 (0 Lux With IR)	0.1Lux @ F1.2 (0 Lux With IR)	0.1Lux @ F1.2 (0 Lux With IR)	0.1Lux @ F1.2 (0 Lux With IR)	0.1Lux @ F1.2 (0 Lux With IR)	0.1Lux @ F1.2 (0 Lux With IR)	0.1Lux @ F1.2 (0 Lux With IR)	0.1Lux @ F1.2 (0 Lux With IR)	0.1Lux @ F1.2 (0 Lux With IR)
Horizontal Resolution		540TVL	480TVL	420TVL	540TVL	480TVL	420TVL	540TVL	480TVL	420TVL
Lens		16mm (3.6mm, 6mm, 8mm, 12mm optional)	16mm (3.6mm, 6mm, 8mm, 12mm optional)	16mm (3.6mm, 6mm, 8mm, 12mm optional)	12mm (3.6mm, 6mm, 8mm, 16mm optional)	12mm (3.6mm, 6mm, 8mm, 16mm optional)	12mm (3.6mm, 6mm, 8mm, 16mm optional)	6mm (2.8mm, 3.6mm optional)	6mm (2.8mm, 3.6mm optional)	6mm (2.8mm, 3.6mm optional)
Day & Night		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Video Compression		H.264 or MPEG-4	H.264 or MPEG-4	H.264 or MPEG-4	H.264 or MPEG-4	H.264 or MPEG-4	H.264 or MPEG-4	H.264 or MPEG-4	H.264 or MPEG-4	H.264 or MPEG-4
Max. Image Resolution		PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480
Frame Rate	50Hz	25 fps (704×576)	25 fps (704×576)	25 fps (704×576)	25 fps (704×576)	25 fps (704×576)	25 fps (704×576)	25 fps (704×576)	25 fps (704×576)	25 fps (704×576)
	60Hz	30fps (704×480)	30fps (704 × 480)	30fps (704×480)	30fps (704×480)	30fps (704×480)	30fps (704×480)	30fps (704×480)	30fps (704×480)	30fps (704×480)
Password Protection		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power over Ethernet (PoE)		No	No	No	No	No	No	No	No	No
Motion Detection		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dual Stream		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SD Card Local Recording		No	No	No	No	No	No	No	No	No
Audio Input/ Output		1/1	1/1	1/1	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	1/1	1/1	1/1
IR Distance		Approx 50 to 60 meters	Approx 50 to 60 meters	Approx 50 to 60 meters	Approx 30 to 40 meters	Approx 30 to 40 meters	Approx 30 to 40 meters	Approx 10 to 20 meters	Approx 10 to 20 meters	Approx 10 to 20 meters

		DS-2CD763P(N)F-E	DS-2CD754F-E	DS-2CD753F-E	DS-2CD793P(N)FWD-E	DS-2CD793P(N)F-E	DS-2CD733F-E
Model							
Image Sensor		1/3" SONY progressive scan CCD	1/2.5" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" SONY vertical double density interline CCD	1/3" SONY CCD	1/4" Progressive Scan CMOS
Min. Illumination		0.1Lux @ F1.2	0.6Lux @ F1.2 1.1Lux @ F1.6	0.5Lux @ F1.2, 0.1Lux @(F1.2, sensitivity x5)	0.14Lux @ F1.4	0.027Lux @ F1.4	0.27 Lux @ F1.4
Lens		2.7-9mm @ F1.2 Angle of view: 101°~30.4° DC	2.7-9mm @ F1.6 Angle of view: 94.7°-28.6° DC	2.7-9mm @ F1.2 Angle of view: 101°~30.4° DC	2.8-11mm @ F1.4 Angle of view: 97°~24° DC	2.8-11mm @ F1.4 Angle of view: 97°~24° DC	2.8-11mm @ F1.4 Angle of view: 70°~18° DC
Day & Night		Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Video Compression		H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
Max. Image Resolution		1280 x 960	2048x1536	1600 x 1200	PAL: 704x576 NTSC: 704x480	PAL: 704x576 NTSC: 704x480	640x480
Frame Rate	50Hz	12.5fps (1280x960) 25fps (1280x720)	12.5fps (2048x1536) 25fps (1920x1080) 25fps (1600x1200)	12.5fps (1600x1200) 25fps (1280x720)	25fps (704x576)	25fps (704x576)	25fps (640x480)
	60Hz	15fps (1280x960) 30fps (1280x720)	15fps (2048x1536) 30fps (1920x1080) 30fps (1600x1200)	15fps (1600x1200) 30fps (1280x720)	30fps (704x480)	30fps (704x480)	30fps (640x480)
Password Protection		Yes	Yes	Yes	Yes	Yes	Yes
Power over Ethernet (PoE)		Yes	Yes	Yes	Yes	Yes	Yes
Motion Detection		Yes	Yes	Yes	Yes	Yes	Yes
Dual Stream		Yes	Yes	Yes	Yes	Yes	Yes
SD Card Local Recording		Yes	Yes	Yes	Yes	Yes	Yes
Audio Input/ Output		1/1	1/1	1/1	1/1	1/1	1/1
Alarm Input/ Output		2/2	1/1	2/2	2/2	2/2	2/2

Model		DS-2CD7153-E	DS-2CD7133-E	DS-2CD762MF-(I)FB(H)	DS-2CD752MF-(I)FB(H)	DS-2CD712P(N)F-E	DS-2CD702P(N)F-E
Image Sensor		1/3" CMOS	1/4" CMOS	1/3" SONY progressive scan CCD	1/3" CMOS	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD
Effective Pixels		-	-	-	-	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 500(H)×582(V) NTSC: 510(H)×492(V)
Min. Illumination		0.5 Lux @ F1.2	0.4 Lux @ F1.2	0.1Lux @ F1.2	0.5Lux @ F1.2; 0.1Lux @ F1.2, sense up × 5	0.1Lux @ F1.2	0.1Lux @ F1.2
Horizontal Resolution		-	-	-	-	480TVL	420TVL
Lens		4mm, F1.8 Fixed Iris (2.8, 6, 8mm optional)	4mm, F1.8 Fixed Iris (2.8, 6, 8mm optional)	2.7~9mm @ F1.4 /Auto Iris lens	2.7~9mm@ F1.2 / Fixed Iris lens	3.5~9mm @ F1.2 / Φ14 / Fixed Iris lens	3.5~9mm @ F1.2 / Φ14 / Fixed Iris lens
Day & Night		Electronic	Electronic	ICR	Electronic (ICR Optional)	Electronic	Electronic
Video Compression		H.264/MJPEG	H.264/MJPEG	H.264 or MPEG-4	H.264 or MPEG-4	H.264 or MPEG-4	H.264 or MPEG-4
Max. Image Resolution		1600×1200	640×480	1280×960	1600x1200	PAL: 704×576 NTSC: 704×480	PAL: 704×576 NTSC: 704×480
Frame Rate	50Hz	12.5fps (1600x1200) 12.5fps (1600 x 912) 25fps (1280x960) 25fps (1280x720)	25fps (640×480)	12.5fps (1280×960) 25fps (1280×720)	12.5fps (1600x1200) 25fps (1280x720) 25fps (704x576)	25fps (704×576)	25fps (704×576)
	60Hz	15fps (1600x1200) 15fps (1600 x 912) 25fps (1280x960) 30fps (1280x720)	30fps (640×480)	15fps (1280×960) 24fps (1280×720)	10fps (1600x1200) 15fps (1280x720) 30fps (704x576)	30fps (704×480)	30fps (704×480)
Password Protection		Yes	Yes	Yes	Yes	Yes	Yes
Power over Ethernet (PoE)		Yes	Yes	Yes	Yes	Yes	Yes
Motion Detection		Yes	Yes	Yes	Yes	Yes	Yes
Dual Stream		Yes	Yes	Yes	Yes	Yes	Yes
SD Card Local Recording		No	No	Yes	Yes	Yes	Yes
Audio Input/ Output		-	-	1/1	1/1	1/1	1/1
Alarm Input/ Output		-	-	1/1	1/1	1/1	1/1

HIKVISION COLOR CAMERA SELECTION

Model	DS-2CC193P(N)-A	DS-2CC195P(N)-A	DS-2CC197P(N)-A	DS-2CC191P(N)-A	DS-2CC178P(N)-A	DS-2CC176P-A	DS-2CC102P(N)(-A)	DS-2CC112P(N)(-A)	DS-2CC192P(N)(-A)	DS-2CC132P/N
										
Image Sensor	1/3" SONY CCD	1/3" SONY CCD	1/3" SONY vertical double density interline CCD	1/3" SONY Super HAD CCD	1/3" SONY CCD	1/2" SONY EX-View HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/4" CMOS
Effective Pixels	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	752(H)×582(V)	PAL: 500(H)×582(V) NTSC: 510(H)×492(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	640(H)×480(V)
Horizontal Resolution	540TVL (Color), 600TVL (B/W)	540TVL (Color), 600TVL (B/W)	540TVL (Color), 600TVL (B/W)	540TVL	540TVL (Color), 600TVL (B/W)	540TVL (Color), 600TVL (B/W)	420TVL	480TVL	540TVL	480TVL
Signal System	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC
Min. Illumination	Color: 0.1Lux @ F1.2, 0.0003Lux @ (F1.2, sensitivity × 256) B&W: 0.01Lux @ F1.2, 0.00003Lux @ (F1.2, sensitivity × 256)	Color: 0.02Lux @ F1.2, 0.00012Lux @ (F1.2, sensitivity × 256) B&W: 0.002Lux @ F1.2, 0.000007Lux @ (F1.2, sensitivity × 256)	Color: 0.1Lux @ F1.2, 0.0003Lux @ (F1.2, sensitivity × 256) B&W: 0.01Lux @ F1.2, 0.00003Lux @ (F1.2, sensitivity × 256)	0.05Lux @ F1.2	Color: 0.1Lux @ F1.2, 0.0003Lux @ (F1.2, sensitivity×256) B&W: 0.01Lux @ F1.2, 0.00003Lux @ (F1.2, sensitivity×256)	Color: 0.003Lux @ F1.2, 0.00002Lux @ (F1.2, sensitivity×256) B&W: 0.0003Lux @ F1.2, 0.000002Lux @ (F1.2, sensitivity×256)	0.1Lux @ F1.2	0.1Lux @ F1.2	0.1Lux @ F1.2	0.1Lux @ F1.2
Lens	C / CS mount DC / Video Drive	C / CS mount DC / Video Drive	C / CS mount DC / Video Drive	C / CS mount DC / Video Drive	C / CS mount DC / Video Drive	C / CS mount DC / Video Drive	C / CS mount DC / Video Drive	C / CS mount DC / Video Drive	C / CS mount DC / Video Drive	C / CS mount
Day & Night	IR Cut Filter Auto Switch	IR Cut Filter Auto Switch	IR Cut Filter Auto Switch	Electronic	IR Cut Filter Auto Switch	IR Cut Filter Auto Switch	Electronic	Electronic	Electronic	Electronic
S/N Ratio	More than 50dB	More than 50dB	More than 50dB	More than 50dB	More than 50dB	More than 52dB	More than 48dB	More than 48dB	More than 48dB	More than 48dB
Electronic Shutter Speed	1/50(1/60)s to 1/100,000s	1/50(1/60)s to 1/100,000s	1/50(1/60)s to 1/100,000s	1/50(1/60)s to 1/100,000s	1/50(1/60)s to 1/100,000s	1/50s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/25 s to 1/15,000 s
BLC	Area / Intensity / Off	Area / Intensity / Off	Area / Intensity / Off	ON / OFF	Area / Intensity / Off	Area / Intensity / Off	ON / OFF	ON / OFF	ON / OFF	ON / OFF
WDR	-	-	160X	-	-	-	-	-	-	-
Synchronization	Internal / Power synchronization	Internal / Power synchronization	Internal / Power synchronization	Internal / Power synchronization	Internal / Power synchronization	Internal / Power synchronization	Internal synchronization	Internal synchronization	Internal synchronization	Internal synchronization
OSD	Yes	Yes	Yes	No	Yes	Yes	No	No	No	No
Power Supply	24V AC / 20VA ±10%, 12V DC / 300mA ±10%	24V AC / 20VA ±10%, 12V DC / 300mA ±10%	24V AC / 20VA ±10%, 12V DC / 300mA ±10%	24V AC / 12V DC, ±10%	AC 24V±10% / DC 12V±10%	AC 24V±10% / DC 12V±10%	12V DC, ±10%, "-A" series support 12V DC / 24V AC, ±10%.	12V DC, ±10%, "-A" series support 12V DC / 24V AC, ±10%.	12V DC, ±10%, "-A" series support 12V DC / 24V AC, ±10%.	12V DC, ±10%
Power Consumption	5W (10W MAX With ICR Working)	5W (10W MAX With ICR Working)	6.5W (10W MAX With ICR Working)	3W MAX	5W MAX (10W MAX with ICR working)	5W MAX (10W MAX with ICR working)	2W MAX ("-A" series 3.5MAX)	2W MAX ("-A" series 3.5MAX)	2W MAX ("-A" series 3.5MAX)	2W MAX

Model	DS-2CC511P(N)-A	DS-2CC591P(N)-A	DS-2CC573P-A	DS-2CC575P-A	DS-2CC577P-A	DS-2CC502P(N)(-A)	DS-2CC512P(N)(-A)	DS-2CC592P(N)	DS-2CC502P(N)-FB	DS-2CC512P(N)-FB
Image Sensor	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY CCD	1/3" SONY CCD	1/3" SONY vertical double density interline CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD
Effective Pixels	PAL: 752(H)×582(V), NTSC: 768(H)×494(V)	PAL: 752(H)×582(V), NTSC: 768(H)×494(V)	752(H)×582(V)	752(H)×582(V)	752(H)×582(V)	PAL: 500(H)×582(V), NTSC: 510(H)×492(V)	PAL: 752(H)×582(V), NTSC: 768(H)×494(V)	PAL: 752(H)×582(V), NTSC: 768(H)×494(V)	PAL: 500(H)×582(V), NTSC: 510(H)×492(V)	PAL: 752(H)×582(V), NTSC: 768(H)×494(V)
Horizontal Resolution	480TVL	540TVL	540TVL(Color), 600TVL (B/W)	540TVL(Color), 600TVL (B/W)	540TVL(Color), 600TVL (B/W)	420TVL	480TVL	540TVL	420TVL	480TVL
Signal System	PAL/NTSC	PAL/NTSC	PAL	PAL	PAL	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC
Min. Illumination	0.1Lux @ F1.2	0.1Lux @ F1.2	Color: 0.14Lux @ F1.4, 0.0004Lux @ (F1.4, sensitivity × 256) B/W: 0.014Lux @ F1.4, 0.00004Lux @ (F1.4, sensitivity × 256)	Color: 0.027Lux @ F1.4, 0.00016Lux @ (F1.4, sensitivity × 256) B/W: 0.0027Lux @ F1.4, 0.000095Lux @ (F1.4, sensitivity × 256)	Color: 0.14Lux @ F1.4, 0.0004Lux @ (F1.4, sensitivity × 256) B/W: 0.014Lux @ F1.4, 0.00004Lux @ (F1.4, sensitivity × 256)	0.1Lux @ F1.2	0.1Lux @ F1.2	0.1Lux @ F1.2	0.1Lux @ F1.2	0.1Lux @ F1.2
Lens	3.5~9mm Auto Iris Lens (2.8-11mm auto iris lens optional)	3.5~9mm Auto Iris Lens (2.8-11mm auto iris lens optional)	2.8~11mm@F1.4 (2.5~6mm optional)	2.8~11mm@F1.4 (2.5~6mm optional)	2.8~11mm@F1.4 (2.5~6mm optional)	3.6mm @ F2.0 (2.8mm, 6mm, 8mm, 12mm, 16mm optional)	3.6mm @ F2.0 (2.8mm, 6mm, 8mm, 12mm, 16mm optional)	3.6mm @ F2.0 (2.8mm, 6mm, 8mm, 12mm, 16mm optional)	4 ~ 9mm	4 ~ 9mm
Day & Night	Electronic	Electronic	ICR	ICR	ICR	Electronic	Electronic	Electronic	Electronic	Electronic
S/N Ratio	More than 48dB	More than 48dB	More than 50dB	More than 50dB	More than 50dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB
Electronic Shutter Speed	1/50(1/60)s to 1/100,000s	1/50(1/60)s to 1/100,000s	1/50s to 1/100,000s	1/50s to 1/100,000s	1/50s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s
BLC	ON / OFF	ON / OFF	Area / Intensity / Off	Area / Intensity / Off	Area / Intensity / Off	ON	ON	ON	ON	ON
Synchronization	Internal synchronization	Internal synchronization	Internal / Power synchronization	Internal / Power synchronization	Internal / Power synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization
Power Supply	24V AC / 12V DC, ±10%	24V AC / 12V DC, ±10%	24VAC / 20VA ±10%, 12VDC / 300mA ±10%	24VAC / 20VA ±10%, 12VDC / 300mA ±10%	24VAC / 20VA ±10%, 12VDC / 300mA ±10%	12V DC, ±10% (-A) Support 24VAC / 12VDC	12V DC, ±10% (-A) Support 24VAC / 12VDC	12V DC, ±10% (-A) Support 24VAC / 12VDC	12V DC, ±10%	12V DC, ±10%
Power Consumption	3.5W MAX	3.5W MAX	4W (10W MAX With ICR Working)	4W (10W MAX With ICR Working)	4W (10W MAX With ICR Working)	2W MAX	2W MAX	2W MAX	2W MAX	2W MAX








Model	DS-2CC592P(N)-FB	DS-2CC532P/N	DS-2CC502P-M	DS-2CC572P-M	DS-2CC502P(N)-IMB	DS-2CC572P(N)-IMB	DS-2CC102P(N)-IRA	DS-2CC112P(N)-IRA	DS-2CC192P(N)-IRA	DS-2CC102P(N)-IR
Image Sensor	1/3" SONY Super HAD CCD	1/4" CMOS	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD
Effective Pixels	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	640(H)×480(V)	500(H)×582(V)	752(H)×582(V)	PAL: 500(H)×582(V) NTSC: 510(H)×492(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 500(H)×582(V) NTSC: 510(H)×492(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 500(H)×582(V) NTSC: 510(H)×492(V)
Horizontal Resolution	540TVL	480TVL	420TVL	540TVL	420TVL	540TVL	420TVL	480TVL	540TVL	420TVL
Signal System	PAL/NTSC	PAL/NTSC	PAL	PAL	PAL/NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC
Min. Illumination	0.1Lux @ F1.2	0.1Lux @ F1.2	0.1Lux @ F1.2	0.1Lux @ F1.2	0.1Lux @ F1.2 (0 Lux with IR)	0.1Lux @ F1.2 (0 Lux with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)
Lens	4 ~ 9mm	3.6mm @ F2.0 (2.8mm, 6mm, 8mm, 12mm, 16mm optional)	3.6mm @ F2.0	3.6mm @ F2.0	3.6mm (2.8mm, 6mm optional)	3.6mm (2.8mm, 6mm optional)	25mm default (16mm optional)	25mm default (16mm optional)	25mm default (16mm optional)	6mm (3.6mm, 2.8mm optional)
Day & Night	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	-	-	-	-
IR Distance	-	-	-	-	Approx 10 to 20 meters	Approx 10 to 20 meters	Approx 100 to 110 meters	Approx 100 to 110 meters	Approx 100 to 110 meters	Approx 10 to 20 meters
S/N Ratio	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB
Electronic Shutter Speed	1/50 (1/60)s to 1/100,000s	1/25s to 1/15,000s	1/50s to 1/100,000s	1/50s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s
BLC	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON
Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization
Power Supply	12V DC, ±10%	12V DC, ±10%	DC12V±10%	DC12V±10%	DC12V±10%	DC12V±10%	AC 24V±10% (DC 12V±10% Option)	AC 24V±10% (DC 12V±10% Option)	AC 24V±10% (DC 12V±10% Option)	12V DC, ±10%
Power Consumption	2W MAX	2W MAX	2W MAX	2W MAX	3W MAX	3W MAX	15W	15W	15W	3W MAX



Model	DS-2CC112P(N)-IR	DS-2CC192P(N)-IR	DS-2CC102P(N)-IR3	DS-2CC112P(N)-IR3	DS-2CC192P(N)-IR3	DS-2CC102P(N)-IR5	DS-2CC112P(N)-IR5	DS-2CC192P(N)-IR5	DS-2CC102P(N)-IRT	DS-2CC112P(N)-IRT	
Image Sensor	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	
Effective Pixels	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)	PAL: 500 (H) × 582 (V) NTSC: 510 (H) × 492 (V)	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)	PAL: 752 (H) × 582 (V) NTSC: 768 (H) × 494 (V)	PAL: 500(H)×582 (V) NTSC: 510(H)×492(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	
Horizontal Resolution	480TVL	540TVL	420TVL	480TVL	540TVL	420TVL	480TVL	540TVL	420TVL	480TVL	
Signal System	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC	
Min. Illumination	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	
Lens	6mm (3.6mm, 2.8mm optional)	6mm (3.6mm, 2.8mm optional)	12mm (3.6mm, 6mm, 8mm, 16mm optional)	12mm (3.6mm, 6mm, 8mm, 16mm optional)	12mm (3.6mm, 6mm, 8mm, 16mm optional)	16mm (3.6mm, 6mm, 8mm, 12mm optional)	16mm (3.6mm, 6mm, 8mm, 12mm optional)	16mm (3.6mm, 6mm, 8mm, 12mm optional)	4 to 9mm(5-15mm optional), Adjusted by Remote Control	4 to 9mm(5-15mm optional), Adjusted by Remote Control	
Infrared Distance	Approx 10 to 20 meters	Approx 10 to 20 meters	Approx 30 to 40 meters	Approx 30 to 40 meters	Approx 30 to 40 meters	Approx 50 to 60 meters	Approx 50 to 60 meters	Approx 50 to 60 meters	Approx 30 to 40 meters	Approx 30 to 40 meters	
S/N Ratio	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	
Electronic Shutter Speed	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (60)s to 1/100,000s	1/50 (60)s to 1/100,000s	1/50 (60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	
BLC	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	
Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	
Power Supply	12V DC, ±10%	12V DC, ±10%	AC 24V±10% (DC 12V±10% Optional)	AC 24V±10% (DC 12V±10% Optional)	AC 24V±10% (DC 12V±10% Optional)	AC 24V±10% (DC 12V±10% Optional)	AC 24V±10% (DC 12V±10% Optional)	AC 24V±10% (DC 12V±10% Optional)	AC 24V±10% (DC 12V±10% Optional)	DC12V/AC24V, ±10%	DC12V/AC24V, ±10%
Power Consumption	3W MAX	3W MAX	6W MAX	6W MAX	6W MAX	8W MAX	8W MAX	8W MAX	13W MAX	13W MAX	

Model	DS-2CC192P(N)-IRT	DS-2CC502P(N)-IR	DS-2CC512P(N)-IR	DS-2CC592P(N)-IR	DS-2CC502P(N)-IR3	DS-2CC512P(N)-IR3	DS-2CC592P(N)-IR3	DS-2CZ232P(N)	DS-2CZ252P(N)	DS-2CZ282P(N)	DS-2CZ292P(N)
Image Sensor	1/3" SONY CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/3" SONY Super HAD CCD	1/4" SONY Interline Transfer Super HAD CCD	1/4" SONY Interline Transfer Super HAD CCD	1/4" SONY Interline Transfer Super HAD CCD	1/4" SONY Interline Transfer Super HAD CCD
Effective Pixels	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 500(H)×582(V) NTSC: 510(H)×492(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 500(H)×582(V) NTSC: 510(H)×492(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	PAL: 752(H)×582(V) NTSC: 768(H)×494(V)	752(H)×582(V)	752(H)×582(V)	752(H)×582(V)	752(H)×582(V)
Horizontal Resolution	540TVL	420TVL	480TVL	540TVL	420TVL	480TVL	540TVL	540 TVL	Color: 540 TVL; B/W: 600 TVL	540 TVL (Color) 600 TVL (B/W)	540 TVL (Color) 600 TVL (B/W)
Signal System	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC
Min. Illumination	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.1Lux @ F1.2 (0 LUX with IR)	0.2Lux @ F1.6	Color: 0.2Lux @ F1.6; B/W: 0.02Lux @ F1.6	Color: 0.2Lux @ F1.4, 0.008Lux @ F1.4 (sensitivity×256) B/W: 0.02Lux @ F1.4, 0.0008Lux @ F1.4 (sensitivity×256)	Color: 0.2Lux @ F1.4, 0.008Lux @ F1.4 (sensitivity×256) B/W: 0.02Lux @ F1.4, 0.0008Lux @ F1.4 (sensitivity×256)
Lens	4 to 9mm (5-15mm optional), Adjusted by Remote Control	6mm (3.6mm, 2.8mm optional)	6mm (3.6mm, 2.8mm optional)	6mm (3.6mm, 2.8mm optional)	12mm (3.6mm, 6mm, 8mm, 16mm optional)	12mm (3.6mm, 6mm, 8mm, 16mm optional)	12mm (3.6mm, 6mm, 8mm, 16mm optional)	22X Optical Zoom F1.6, f=3.9 ~ 85.8mm	23X Optical Zoom F1.6, f=3.84 ~ 88.4mm	30X Optical Zoom F1.4, f=3.5 - 105mm	36X Optical Zoom F1.4, f=3.4 - 122.4mm
Day & Night	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	IR Cut Filter Auto Switch	IR Cut Filter Auto Switch	IR Cut Filter Auto Switch
S/N Ratio	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 48 dB	More than 52dB	More than 52dB	More than 52dB	More than 52dB
Electronic Shutter Speed	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50 (1/60)s to 1/100,000s	1/50s to 1/100,000s	1/50s to 1/100,000s	1/50s to 1/100,000s	1/50s to 1/100,000s
BLC	ON	ON	ON	ON	ON	ON	ON	Area / Intensity / Off	Area / Intensity / Off	Area / Intensity / Off	Area / Intensity / Off
Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization	Internal Synchronization
OSD	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
IR Distance	Approx 30 to 40 meters	Approx 10 to 20 meters	Approx 10 to 20 meters	Approx 10 to 20 meters	Approx 30 to 40 meters	Approx 30 to 40 meters	Approx 30 to 40 meters	-	-	-	-
Power Supply	12V DC/AC 24V, ±10%	12V DC, ±10%	12V DC, ±10%	12V DC, ±10%	12V DC, ±10%	12V DC, ±10%	12V DC, ±10%	12V DC, ±10%	12V DC, ±10%	12V DC, ±10%	12V DC, ±10%
Power Consumption	13W MAX	3W MAX	3W MAX	3W MAX	6W MAX	6W MAX	6W MAX	4W MAX	4.5W MAX	4.5W MAX	4.5W MAX

HIKVISION DVR SELECTION

Model	DS-9516NI-S	DS-9508NI-S	DS-9616NI-SH	DS-9608NI-SH	DS-9604NI-SH	DS-7604NI-S	DS-9016HFI-S	DS-9008HFI-S
Video Compression	-	-	-	-	-	-	H.264	H.264
Audio Compression	-	-	-	-	-	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps
IP Video Input	16-ch at 4CIF resolution/8-ch at 720P resolution/4-ch at UXGA resolution(or 8-ch in non-real time)	8-ch at 4CIF resolution/4-ch at 720P resolution/2-ch at UXGA resolution(or 4-ch in non-real time)	16-ch at 4CIF resolution/8-ch at 720P resolution/4-ch at UXGA resolution(or 8-ch in non-real time)	8-ch at 4CIF resolution/4-ch at 720P resolution/2-ch at UXGA resolution (or 4-ch in non-real time)	4-ch at 4CIF resolution/2-ch at 720P resolution/1-ch at UXGA resolution (or 2-ch in non-real time)	4-ch 4CIF or 2-ch UXGA/720P IP camera/dome (Hikvision protocol only)	16-ch 4CIF or 8-ch HD IP Camera	8-ch 4CIF or 4-ch HD IP Camera
Video Input/Output	-	-	Input: up to 16-ch (IP) Output: 2-ch BNC, 1-ch HDMI, 1-ch VGA	Input: up to 8-ch (IP) Output: 2-ch BNC, 1-ch HDMI, 1-ch VGA	Input: up to 4-ch (IP) Output: 2-ch BNC, 1-ch HDMI, 1-ch VGA	- / 1-ch	16-ch / 2-ch	8-ch / 2-ch
Audio Input/Output	-	-	Output: 2-ch BNC	Output: 2-ch BNC	Output: 2-ch BNC	1-ch / 1-ch	16-ch / 2-ch	8-ch / 2-ch
Voice Talk Input	-	-	2-ch	2-ch	2-ch	1-ch	2-ch	2-ch
Recording Resolution	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF
VGA Resolution	-	-	1024×768/60Hz, 1024×768/70Hz, 1280×1024/60Hz	1024×768/60Hz, 1024×768/70Hz, 1280×1024/60Hz	1024×768/60Hz, 1024×768/70Hz, 1280×1024/60Hz	Up to 1024×768/60Hz	Up to 1280×1024/60Hz	Up to 1280×1024/60Hz
Frame Rate	PAL: 25fps NTSC:30fps	PAL: 25fps NTSC:30fps	PAL: 25fps NTSC:30fps	PAL: 25fps NTSC:30fps	PAL: 25fps NTSC:30fps	UXGA/720P: 25fps(P), 30fps(N)	PAL: 25fps NTSC: 30fps	PAL: 25fps NTSC: 30fps
Synchronous Playback	-	-	16-ch	8-ch	4-ch	4-ch	16-ch	8-ch
Alarm Input/Output	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	4-ch / 1-ch	16-ch / 4-ch	16-ch / 4-ch
Network Interface	1RJ-45, 10/100/1000Mbps self-adaptive UTP Ethernet interface	1RJ-45, 10/100/1000Mbps self-adaptive UTP Ethernet interface	1RJ-45, 10/100/1000Mbps self-adaptive Ethernet interface	1RJ-45, 10/100/1000Mbps self-adaptive Ethernet interface	1RJ-45, 10/100/1000Mbps self-adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface
HDD Interface	8 SATA interface	4 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface	1 SATA interface	8 SATA interface	8 SATA interface
USB Interface	2, USB2.0	2, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	2, USB2.0	3, USB2.0	3, USB2.0

Model	DS-9004HFI-S	DS-7604HI-S	DS-9116HFI-S	DS-9108HFI-S	DS-9104HFI-S	DS-9116HDI-S	DS-9108HDI-S	DS-9104HDI-S
								
Video Compression	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Audio Compression	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps
IP Video Input	4-ch 4CIF or 2-ch HD IP Camera	4-ch 4CIF or 2-ch UXGA/720P IP camera/dome (Hikvision protocol only)	-	-	-	-	-	-
Video Input/Output	4-ch / 2-ch	Up to 6-ch (4-ch analog camera+ 2-ch 4CIF IP camera/dome) / 1-ch	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch
Audio Input/Output	4-ch / 2-ch	1-ch / 1-ch	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch
Voice Talk Input	2-ch	1-ch	2-ch	2-ch	2-ch	2-ch	2-ch	2-ch
Recording Resolution	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/2CIF/CIF/QCIF	4CIF/2CIF/CIF/QCIF	4CIF/2CIF/CIF/QCIF
VGA Resolution	Up to 1280×1024/60Hz	Up to 1024×768/60Hz	Up to 1280×1024/60Hz	Up to 1280×1024/ 60Hz	Up to 1280×1024/60Hz	Up to 1280×1024/ 60Hz	Up to 1280×1024/ 60Hz	Up to 1280×1024/60Hz
Frame Rate	PAL: 25fps NTSC: 30fps	IP Camera: UXGA/720P: 25fps(P), 30fps(N) Analog Camera: 4CIF/DCIF: 8fps 2CIF: 16fps	PAL: 25fps NTSC: 30fps	PAL: 25fps NTSC: 30fps	PAL: 25fps NTSC: 30fps	4CIF: 12fps(P) / 15fps(N) 2CIF: 25fps(P) / 30fps(N)	4CIF: 12fps(P) / 15fps(N) 2CIF: 25fps(P) / 30fps(N)	4CIF: 12fps(P) / 15fps(N) 2CIF: 25fps(P) / 30fps(N)
Synchronous Playback	4-ch	4-ch	16-ch	8-ch	4-ch	16-ch	8-ch	4-ch
Alarm Input/Output	16-ch / 4-ch	4-ch / 1-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch
Network Interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface
HDD Interface	8 SATA interface	1 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface
USB Interface	3, USB2.0	2, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0

Model	DS-8116HFI-S	DS-8108HFI-S	DS-8104HFI-S	DS-8116HDI-S	DS-8108HDI-S	DS-8104HDI-S	DS-8116HCI-S	DS-8108HCI-S	DS-8104HCI-S
									
Video Compression	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Audio Compression	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps
Video Input/Output	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch
Audio Input/Output	16-ch / 2-ch	8-ch / 1-ch	4-ch / 1-ch	16-ch / 1-ch	8-ch / 1-ch	4-ch / 1-ch	16-ch / 1-ch	8-ch / 1-ch	4-ch / 1-ch
Voice Talk Input	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch
Recording Resolution	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/2CIF/CIF/QCIF	4CIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF
VGA Resolution	Up to 1280×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz
Frame Rate	4CIF/2CIF/CIF: 25(P)/30(N) fps	4CIF/2CIF/CIF: 25(P)/30(N)fps	4CIF/2CIF/CIF: 25(P)/30(N)fps	4CIF: 12fps; 2CIF: 25(P)/30(N)fps;	4CIF: 12fps; 2CIF: 25(P)/30(N)fps;	4CIF/DCIF: 8fps; 2CIF/CIF: 25(P)/30(N) fps	4CIF: 6fps; 2CIF: 12fps; CIF: 25(P)/30(N)fps	4CIF: 8fps; 2CIF: 16fps; CIF: 25(P)/30(N)fps	4CIF/DCIF: 8fps; 2CIF: 16fps; CIF: 25(P)/30(N)fps
Synchronous Playback	16-ch	8-ch	4-ch	16-ch	8-ch	4-ch	16-ch	8-ch	4-ch
Alarm Input/Output	16-ch / 4-ch	16-ch / 4-ch	4-ch / 2-ch	16-ch / 4-ch	16-ch / 4-ch	4-ch / 2-ch	16-ch / 4-ch	16-ch / 4-ch	4-ch / 2-ch
Network Interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface
HDD Interface	8 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface	4 SATA interface	8 SATA interface	8 SATA interface	4 SATA interface
USB Interface	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0







Model	DS-7316HI-S	DS-7308HI-S	DS-7304HI-S	DS-7216HVI-ST	DS-7208HVI-ST	DS-7204HVI-ST	DS-7204AHLI-VS	DS-8104AHI-S	DS-8104AHLI-S	DS-8104AHLI-S
Video Compression	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Audio Compression	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	G.711	G.711	G.711	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps
Video Input/Output	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch	4-ch / 2-ch	4-ch / 1-ch	4-ch / 1-ch	4-ch / 1-ch
Audio Input/Output	4-ch / 1-ch	4-ch / 1-ch	4-ch / 1-ch	4-ch / 1-ch	4-ch / 1-ch	4-ch / 1-ch	1-ch / 1-ch	4-ch / 1-ch BNC & 1-ch RCA	4-ch / 1-ch BNC & 1-ch RCA	4-ch / 1-ch BNC & 1-ch RCA
Voice Talk Input	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch, Using Audio IN	1-ch	1-ch	4-ch
Recording Resolution	4CIF/2CIF/CIF/QCIF	4CIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/CIF/QCIF	4CIF/CIF/QCIF	4CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	CIF/QCIF	CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF
VGA Resolution	Up to 1024×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz	Up to 1024×768/60Hz
Frame Rate	4CIF: 6fps; 2CIF: 12fps; CIF: 25(P)/30(N)fps	4CIF: 8fps; 2CIF: 16fps; CIF: 25(P)/30(N)fps	4CIF/DCIF: 8fps; 2CIF: 16fps; CIF: 25(P)/30(N)fps	4CIF: 6fps, CIF: 25(P)/30(N) fps, QCIF: 25(P)/30(N) fps	4CIF: 8fps, CIF: 25(P)/30(N) fps, QCIF: 25(P)/30(N) fps	4CIF: 12fps, CIF: 25(P)/30(N) fps, QCIF: 25(P)/30(N) fps	4CIF: 6fps, DCIF: 12fps, 2CIF: 12fps, CIF: 25(P)/30(N) fps	CIF: 25(P)/30(N)fps	CIF: 25(P)/30(N)fps	4CIF: 25(P)/30(N)fps
Synchronous Playback	16-ch	8-ch	4-ch	16-ch	8-ch	4-ch	1-ch	4-ch	4-ch	4-ch
Alarm Input/Output	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	8-ch / 4-ch	4-ch / 1-ch	4-ch / 1-ch	5-ch / 2-ch	5-ch / 2-ch	5-ch / 2-ch
Network Interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface
HDD Interface	4 SATA interface	4 SATA interface	4 SATA interface	2 SATA interface	2 SATA interface	1 SATA interface	1 SATA interface	4 SATA interface	4 SATA interface	4 SATA interface
USB Interface	2, USB2.0	2, USB2.0	2, USB2.0	2, USB2.0	2, USB2.0	2, USB 2.0	1, USB 2.0	3, USB2.0	3, USB2.0	3, USB2.0

Model	DS-8104HMI-A	DS-8104HMI-B	DS-8104HMI-M	DS-8012HMI	DS-8008HMI	DS-8004HMF1-B	DS-8012HMF1	DS-8008HMF1
								
Video Compression	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Audio Compression	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps
Video Input/Output	4-ch / 1-ch	4-ch / 2-ch	4-ch / 1-ch	12-ch / 2-ch	8-ch / 2-ch	4-ch / 1-ch	12-ch / 2-ch	8-ch / 2-ch
Audio Input/Output	4-ch / 1-ch	1-ch / 1-ch	2-ch / 1-ch	12-ch / 2-ch	8-ch / 2-ch	4-ch / 1-ch	12-ch / 2-ch	8-ch / 2-ch
Channel Interface	Aviation Interface	BNC	Integrated socket	Aviation Interface	Aviation Interface	Aviation Interface	Aviation Interface	Aviation Interface
Voice Talk Input	-	-	-	1-ch	1-ch	1-ch	1-ch	1-ch
Recording Resolution	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	2CIF/CIF/QCIF	2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF
VGA Resolution	-	-	-	Up to 1024x768/ 60Hz	Up to 1024x768/ 60Hz	Optional	Up to 1024x768/ 60Hz	Up to 1024x768/ 60Hz
Frame Rate	4CIF: 6fps, DCIF: 12fps, 2CIF: 15fps, CIF/QCIF: 25(P)/30(N) fps	4CIF: 6fps, DCIF: 12fps, 2CIF: 15fps, CIF/QCIF: 25(P)/30(N) fps	4CIF: 6fps, DCIF: 12fps, 2CIF: 15fps, CIF/QCIF: 25(P)/30(N) fps	25(P)/30(N) fps	25(P)/30(N) fps	4CIF: 25(P)/30(N) fps	25(P)/30(N) fps	25(P)/30(N) fps
Alarm Input/Output	8-ch / 2-ch	4-ch / 1-ch	8-ch / 2-ch	16-ch / 4-ch	16-ch / 4-ch	4-ch / 2-ch	16-ch / 4-ch	16-ch / 4-ch
Network Interface	1 Ethernet Interface, 2 SMA Wireless network antenna	1 Ethernet Interface, 2 SMA Wireless network antenna	1 Ethernet Interface, 2 SMA Wireless network antenna	1 Ethernet Interface, 2 SMA Wireless network antenna	1 Ethernet Interface, 2 SMA Wireless network antenna	1, RJ45 10M/100M adaptive Ethernet interface	1 Ethernet Interface, 2 SMA Wireless network antenna	1 Ethernet Interface, 2 SMA Wireless network antenna
HDD Number and Size	2, 2.5 inch	2, 2.5 inch	1, SD Card	2, 2.5 inch	2, 2.5 inch	1, 3.5 inch	2, 2.5 inch	2, 2.5 inch
HDD Installation	SATA, Pluggable	SATA, Pluggable	Pluggable	SATA, Pluggable	SATA, Pluggable	SATA, Build-in	SATA, Pluggable	SATA, Pluggable
Wireless Model	Optional	Optional	Optional	Optional	Optional	External Wireless Router	Optional	Optional
GPS Model	Built-in	RS-485 connect GPS model	Built-in	Built-in	Built-in	Optional	Built-in	Built-in
Power Input	DC +6~36V	DC +6~36V	DC +6~36V	DC +6~36V	DC +6~36V	DC +6~36V	DC +6~36V	DC +6~36V

HIKVISION DIGITAL VIDEO SERVER SELECTION

Model	DS-6516HCI	DS-6508HCI	DS-6516HCI-SATA	DS-6508HCI-SATA	DS-6516HFI	DS-6508HFI	DS-6504HFI
							
Video Compression	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Audio Compression	OggVorbis	OggVorbis	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps
Video Input/Output	16-ch / --	8-ch / --	16-ch / --	8-ch / --	16-ch / --	8-ch / --	4-ch / --
Audio Input/Output	16-ch / 1-ch	8-ch / 1-ch	16-ch / 1-ch	8-ch / 1-ch	16-ch / 1-ch	8-ch / 1-ch	4-ch / 1-ch
Voice Talk Input	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch
Encoding/Decoding/Recording Resolution	QCIF/CIF/2CIF/4CIF	QCIF/CIF/2CIF/4CIF	QCIF/CIF/2CIF/4CIF	QCIF/CIF/2CIF/4CIF	QCIF/CIF/2CIF/4CIF	QCIF/CIF/2CIF/4CIF	QCIF/CIF/2CIF /DCIF/4CIF
Frame Rate	4CIF: 2fps 2CIF: 12fps, CIF: 25(P)/30(N)fps	4CIF: 8fps 2CIF: 16fps, CIF: 25(P)/30(N)fps	4CIF: 2fps 2CIF: 12fps, CIF: 25(P)/30(N)fps	4CIF: 8fps 2CIF: 16fps, CIF: 25(P)/30(N)fps	QCIF/CIF/2CIF/4CIF: 25(P)/30(N)fps	QCIF/CIF/2CIF/4CIF: 25(P)/30(N)fps	QCIF/CIF/2CIF /DCIF/4CIF: 25(P)/30(N)fps
Stream Type	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio
Alarm Input/Output	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch
Network Interface	1RJ45 10/100/1000Mbps self-adaptive UTP Ethernet interface	1RJ45 10/100/1000Mbps self-adaptive UTP Ethernet interface	1RJ45 10/100/1000Mbps self-adaptive UTP Ethernet interface	1RJ45 10/100/1000Mbps self-adaptive UTP Ethernet interface	1RJ45 10/100/1000Mbps self-adaptive UTP Ethernet interface	1RJ45 10/100/1000Mbps self-adaptive UTP Ethernet interface	1RJ45 10/100/1000Mbps self-adaptive UTP Ethernet interface
HDD Interface	-	-	1 SATA interface	1 SATA interface	-	-	-

Model	DS-6516HFI-SATA	DS-6508HFI-SATA	DS-6504HFI-SATA	DS-6401HDI	DS-6308DI	DS-6304DI	DS-6301DI
							
Video Compression	H.264	H.264	H.264	-	-	-	-
Audio Compression	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	-	-	-	-
Video Input/Output	16-ch / --	8-ch / --	4-ch / --	Output: 1-ch BNC, 1-ch VGA, 1-ch HDMI, 1-ch DVI	-- / 8-ch	-- / 4-ch	-- / 1-ch
Audio Input/Output	16-ch / 1-ch	8-ch / 1-ch	4-ch / 1-ch	-- / 2-ch	-- / 8-ch	-- / 4-ch	-- / 1-ch
Voice Talk Input	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch
Encoding/Decoding/Recording Resolution	QCIF/CIF/2CIF/4CIF	QCIF/CIF/2CIF/4CIF	QCIF/CIF/2CIF /DCIF/4CIF	1080P (1920×1080), 720P (1280×720), UXGA (1600×1200), SVGA (800×600), VGA (640×480)	QCIF/CIF/2CIF/DCIF/4CIF/720P	QCIF/CIF/2CIF/DCIF/4CIF/720P	QCIF/CIF/2CIF/DCIF/4CIF/720P
Frame Rate	QCIF/CIF/2CIF/4CIF: 25(P)/30(N)fps	QCIF/CIF/2CIF/4CIF: 25(P)/30(N)fps	QCIF/CIF/2CIF /DCIF/4CIF: 25(P)/30(N)fps	PAL: 1/16~25fps, NTSC: 1/16~30fps	720P: 25(P)/30(N)fps	720P: 25(P)/30(N)fps	720P: 25(P)/30(N)fps
Stream Type	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio
Alarm Input/Output	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	4-ch / 2-ch	8-ch / 8-ch	8-ch / 8-ch	8-ch / 8-ch
Network Interface	1RJ45 10/100/1000Mbps self-adaptive UTP Ethernet interface	1RJ45 10/100/1000Mbps self-adaptive UTP Ethernet interface	1RJ45 10/100/1000Mbps self-adaptive UTP Ethernet interface	1RJ45 10/100/1000Mbps self-adaptive Ethernet interface	1 RJ45 10M/100M/1000M adaptive Ethernet interface	1 RJ45 10M/100M/1000M adaptive Ethernet interface	1 RJ45 10M/100M/1000M adaptive Ethernet interface
HDD Interface	1 SATA interface	1 SATA interface	1 SATA interface	-	-	-	-

Model	DS-6104HCI-12V 	DS-6104HCI-SATA 	DS-6101HFI-SATA 	IP Module 	DS-6101HFI-IP-A 	DS-6001FI 
Video Compression	H.264	H.264	H.264	H.264	H.264	H.264
Audio Compression	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps
Video Input/Output	4-ch / --	4-ch / --	1-ch / --	1-ch / --	1-ch / --	1-ch / 1-ch
Audio Input/Output	4-ch / 1-ch	4-ch / 1-ch	1-ch / 1-ch	1-ch / 1-ch	1-ch / 1-ch	-- / 1-ch
Voice Talk Input	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch
Encoding/Decoding/ Recording Resolution	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF
Frame Rate	4CIF/DCIF/2CIF: 4fps CIF: 25(P)/30(N)fps	4CIF/DCIF/2CIF: 4fps CIF: 25(P)/30(N)fps	4CIF: 25(P)/30(N)fps	4CIF: 25(P)/30(N)fps	4CIF: 25(P)/30(N)fps	4CIF: 25(P)/30(N)fps
Stream Type	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio
Alarm Input/Output	4-ch / 2-ch	4-ch / 2-ch	4-ch / 2-ch	1-ch / 1-ch	1-ch / 1-ch	2-ch / 2-ch
Network Interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface
HDD Interface	-	1 SATA interface	1 SATA interface	-	-	-

HIKVISION COMPRESSION CARD SELECTION

Model	DS-4016HCI	DS-4008HCI	DS-4004HCI	DS-4016HSI	DS-4008HSI	DS-4216HCI	DS-4208HFVI	DS-4216HFVI	DS-4101HDI	DS-4004MDI+	DS-4002MDI+
Video Compression	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	-	-	-
Video Decoding	-	-	-	-	-	-	-	-	H.264	H.264	H.264
Audio Compression	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis	OggVorbis	OggVorbis	-	-	-
Audio Decoding	-	-	-	-	-	-	-	-	OggVorbis	OggVorbis	OggVorbis
Video Input/Output	16-ch / --	8-ch / --	4-ch / --	16-ch / --	8-ch / --	16-ch / --	8-ch / 1-ch	16-ch / 1-ch	-- / 1-ch	-- / 4-ch	-- / 2-ch
Audio Input/Output	16-ch / --	8-ch / --	4-ch / --	16-ch / --	8-ch / --	16-ch / --	8-ch / 1-ch	16-ch / 1-ch	-- / 1-ch	-- / 4-ch	-- / 2-ch
Encoding/Decoding/Recording Resolution	16-ch CIF/2CIF real time, or 8-ch 4CIF real time, or 16-ch DCIF/4CIF not real time	8-ch CIF/2CIF real time, or 4-ch 4CIF real time, or 8-ch DCIF/4CIF not real time	4-ch CIF/2CIF real time, or 2-ch 4CIF real time, or 4-ch DCIF/4CIF not real time	16-ch CIF real time, or 16-ch 2CIF/DCIF/4CIF not real time	8-ch CIF real time, or 8-ch 2CIF/DCIF/4CIF not real time	CIF/QCIF real time, or 4CIF/2CIF not real time	4CIF/2CIF/CIF / QCIF real time	4CIF/2CIF/CIF / QCIF real time	1-ch 1080P/ 1080I/ UXGA/ XGA, or 2-ch 720P, or 3-ch SVGA, or 4-ch / VGA/ DCIF/ 2CIF/ CIF/ QCIF/ QVGA	4-ch 4CIF or 8-ch DCIF/2CIF or 16-ch CIF/QCIF	2-ch 4CIF Or 4-ch DCIF/2CIF Or 8-ch CIF/QCIF
Frame Rate	4CIF: 25(P)/30(N) fps for 8 channels 2CIF/CIF /QCIF: 25(P)/30(N)fps for 16 channels	4CIF: 25(P)/30(N) fps for 4 channels 2CIF/CIF /QCIF: 25(P)/30(N)fps for 8 channels	4CIF: 25(P)/30(N) fps for 2 channels 2CIF/CIF /QCIF: 25(P)/30(N)fps for 4 channels	CIF/QCIF: 1/16~25fps(P), 1/16~30fps(N)	CIF/QCIF: 1/16~25fps(P), 1/16~30fps(N)	CIF/QCIF: 1/16~25fps(P), 1/16~30fps(N)	4CIF: 25(P)/30(N) fps	4CIF: 25(P)/30(N) fps	1/16~25fps(P), 1/16~30fps(N)	1/16~25fps(P), 1/16~30fps(N)	1/16~25fps(P), 1/16~30fps(N)
Stream Type	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio	Video / Video&Audio