

**HIKVISION**



# 2010

## PRODUCT QUICK GUIDE

Digital Video Recorders  
Mobile DVRs  
Megapixel Cameras  
IP Cameras & Speed Domes  
Analog Cameras & Speed Domes  
Digital Video Servers  
Compression Cards  
Accessories



**HIKVISION** First Choice for Security Professionals

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## Hybrid Digital Video Recorders

Model	Video Comp.	Video Input/Output	Audio Input/Output	Resolution	Frame Rate	VGA Resolution	HDD	Alarm Input/Output	USB	Power
DS-9008HFI-S	H.264	8 Ch + (8 IP or 4 megapixel) / 2Ch	16Ch / 2Ch	1600x1200 720P	Up to 15fps Up to 30fps	1280x1024	Up to 8 SATA (2TB each)	16/4	3	100-240V, 60 Hz <50W (w/o HDD)
DS-9016HFI-S		16Ch + 8 IP or 8Ch + (16IP / 8 megapixel) / 2Ch								
DS-7604HI-S	H.264	4Ch + (2Ch IP / 1 megapixel) or 2Ch + (4Ch IP / 2 megapixel) / 2Ch	1Ch / 1Ch	1600x1200 720P	Up to 15fps Up to 30fps	1024x768	Up to 1 SATA (2TB each)	4/1	2	12VDC, < 20w (w/o HDD)




## Network Video Recorders

Model	Video Comp.	Video Input/Output	Audio Input/Output	Resolution	Frame Rate	VGA Resolution	HDD	Alarm Input/Output	USB	Power
DS-7604NI-S	H.264	4 IP(4CIF) or 2IP (Megapixel) / 1Ch	1Ch / 1Ch	1600x1200 720P	Up to 15fps Up to 30fps	1024x768	Up to 1 SATA (2TB each)	4/1	2	12VDC, < 20w (w/o HDD)
DS-9508NI-S	H.264	8 IP(4CIF) or 4IP(720P) or 2-2Megapixels/ 1Ch	-	2560x1920 1080P	Up to 8fps Up to 30fps	-	Up to 4 SATA (2TB each)	16/4	2	100-240V, 60 Hz <20W (w/o HDD)
DS-9516NI-S		16 IP(4CIF) or 8IP(720P) or 4-2Megapixels/ 1Ch					Up to 8 SATA (2TB each)			






## Digital Video Recorders


Model	Video Comp.	Video Input/Output	Audio Input/Output	Resolution	Frame Rate	VGA Resolution	HDD	Alarm Input/Output	USB	Power
DS-9104HFI-S	H.264	4 Ch / 2ch	16Ch / 2Ch	Up to 4CIF	Up to 30fps	1280x1024	Up to 8 SATA (2TB each)	16/4	3	100-240V, 60 Hz <50W (w/o HDD)
DS-9108HFI-S		8 Ch / 2ch								
DS-9116HFI-S		16Ch / 2ch								
DS-8104HFI-S	H.264	4 Ch / 2ch	4 Ch / 2ch	Up to 4CIF	Up to 30fps	1024x768	Up to 8 SATA (2TB each)	4/2	3	100-240V, 60 Hz <50W (w/o HDD)
DS-8108HFI-S		8 Ch / 2ch	8 Ch / 2ch			1024x768	Up to 8 SATA (2TB each)	16/4		
DS-8116HFI-S		16Ch / 2ch	16Ch / 2ch			16Ch / 2ch	16Ch / 2ch	16/4		
DS-9104HDI-S	H.264	4 Ch / 2ch	16Ch / 2Ch	4CIF 2CIF	Up to 15fps Up to 30fps	1280x1024	Up to 8 SATA (2TB each)	16/4	3	100-240V, 60 Hz <50W (w/o HDD)
DS-9108HDI-S		8 Ch / 2ch								
DS-9116HDI-S		16Ch / 2ch								
DS-8104HDI-S	H.264	4 Ch / 2ch	4 Ch / 2ch	4CIF 2CIF	Up to 8fps Up to 30fps	1024x768	Up to 4 SATA (2TB each)	4/2	3	100-240V, 60 Hz <50W (w/o HDD)
DS-8108HDI-S		8 Ch / 2ch	8 Ch / 2ch			1024x768	Up to 8 SATA (2TB each)	16/4		
DS-8116HDI-S		16Ch / 2ch	16Ch / 2ch			16Ch / 2ch	16Ch / 2ch	16/4		
DS-7304HI-S	H.264	4 Ch / 1ch	4Ch / 1Ch	4CIF 2CIF CIF	Up to 2fps Up to 6fps Up to 30fps	1024x768	4 SATA (2TB each)	16/4	2	100-240V, 6.3A <40W (w/o HDD)
DS-7308HI-S		8 Ch / 1ch								
DS-7316HI-S		16Ch / 1ch								
DS-7204HVI-S	H.264	4 Ch / 2ch	1Ch / 1Ch	Up to CIF	Up to 30fps	1024x768	1 SATA (2TB each)	4/1	1	12VDC, 3A <18W (w HDD)
DS-7208HVI-S	H.264	8Ch / 1ch	4Ch / 1Ch	Up to CIF	Up to 30fps	1024x768	Up to 2 SATA (2TB each)	4/1	1	12VDC, 3A <18W (w HDD)
DS-7216HVI-S	H.264	16 Ch / 1ch	1Ch / 1Ch	Up to CIF	Up to 30fps	1024x768	Up to 2 SATA (2TB each)	4/1	2	12VDC, 3A <18W (w HDD)
HK-RA204L	H.264	4 Ch / 2ch	1Ch / 1Ch	Up to CIF	Up to 30fps	1024x768	1 SATA (Up to 2TB)	4/1	1	12VDC, 3A <18W (w HDD)

## Mobile Digital Video Recorders



Model	Video Compression	Video Input/Output	Audio Input/Output	Resolution	Frame Rate	HDD	Alarm Input/Output	USB	SD / Sim Card	Power
DS-8104HMI-A	 H.264	4Ch / 1ch	4Ch / 1ch	4CIF 2CIF CIF	Up to 6fps Up to 15fps Up to 30fps	Up to 2 SATA (2TB each)	7/2	1	0/1	6-36V 12VDC, +5V fuse <10W (w HDD)
DS-8104HMI-M	 H.264	4Ch / 1ch	2Ch / 1ch	4CIF 2CIF CIF	Up to 6fps Up to 15fps Up to 30fps	—	7/2	1	1/1	9-36V 12VDC, +5V fuse <10W
DS-8008HMF1	 H.264	8Ch / 2ch	8Ch / 2ch	4CIF	Up to 30fps	Up to 2 SATA (2TB each)	16/4	1	0/0	6-36V 12VDC, +5V fuse <26W (w HDD)
DS-8012HMF1		12Ch / 2ch	12Ch / 2ch							

## Megapixel Cameras





Model	Image Sensor	Resolution	Video Comp.	Frame Rate	Min. Illum.	Lens	Day & Night	SD Card	PoE	Power
DS-2CD866BF-E	 Indoor 1/2.5" Progressive Scan CMOS	1080P HD 5.0 Megapixels (2560x1920)	H.264	Up to 30fps	0.5Lux/F1.2 (Color) 0.1Lux/F1.2 (B&W)	—	ICR	Yes	Yes	12VDC/PoE, 12W Max.
DS-2CD876BF	 Indoor 1/1.8" Sony Progressive Scan CCD	2.0 Megapixels (1600x1200)	H.264	Up to 30fps	0.5Lux/F1.2 (Color) 0.05Lux/F1.2 (B&W)	—	ICR	Yes	No	12VDC/ 12W Max.
DS-2CD852MF-E-ICR	 Indoor 1/3" CMOS	2.0 Megapixels (1600x1200)	H.264	up to 10fps	0.5Lux/F1.2	—	ICR	Yes	Yes	24VAC/12VDC/PoE, 4W Max.
DS-2CD862MF-E	 Indoor 1/3" Sony Progressive Scan CCD	1.3 Megapixels (1280x960)	H.264	up to 15fps	0.1Lux/F1.2	—	ICR	Yes	Yes	24VAC/12VDC/PoE, 4W Max. (10W Max. w/ ICR On)
DS-2CD762MF-FB (Vandal Proof)	 Indoor/ Outdoor 1/3" Sony Progressive Scan CCD	1.3 Megapixels (1280x960)	H.264	up to 15fps	0.1Lux/F1.2	2.7-9mm	ICR	Yes	Yes	24VAC/12VDC/PoE, 5W Max.
DS-2CD752MF-FB (Vandal Proof)		1/3" CMOS	2.0 Megapixels (1600x1200)	H.264	up to 10fps	0.5Lux/F1.2	2.7-9mm	Electronic	Yes	Yes
DS-2CD762MF-IFB (Vandal Proof)	 Indoor/ Outdoor 1/3" Sony Progressive Scan CCD	1.3 Megapixels (1280x960)	H.264	up to 15fps	0.1Lux/F1.2 IR: 60 Feet	IR: 2.7-9mm	ICR	Yes	Yes	24VAC/12VDC/PoE, 10W Max.
DS-2CD752MF-IFB (Vandal Proof)		1/3" CMOS	2.0 Megapixels (1600x1200)	H.264	up to 10fps	0.5Lux/F1.2 IR: 60 Feet	IR: 2.7-9mm	ICR	Yes	Yes
DS-2CD752MF-E	 Indoor 1/3" CMOS	2.0 Megapixels (1600x1200)	H.264	up to 10fps	0.5Lux/F1.2	2.7-9mm	Electronic	Yes	Yes	12VDC/PoE, 4W Max.
DS-2CD7153-E	 Indoor/ Outdoor 1/3" CMOS	2.0 Megapixels (1600x1200)	H.264	up to 15fps	0.5Lux/F1.2 (Color) 0.01Lux/F1.2 (B&W)	4mm	Electronic	No	Yes	12VDC/PoE, 3W Max.

Model	Image Sensor	Optical Zoom	Resolution	Video Comp.	Frame Rate	Min. Illumination	Pan & Tilt Speed	Lens	Day & Night	SD Card	Power
DS-2DF1-672	 1/3" Sony Progressive Scan CCD	18x	1.3 Megapixel (1280x960)	H.264	up to 25fps	0.1Lux/F1.6 (Color) 0.01Lux/F1.6 (B&W)	Pan: 0.2-75°/s Tilt: 0.2-50°/s	4.7-84.6mm	ICR	Yes	24VAC, 15W (30W/ heater)



## IP Cameras

Model	Image Sensor	Resolution	Video Compression	Frame Rate	Min. Illumination	Adj. Range	Lens	SD Card	PoE	Power
DS-2CD802NF-E	 Indoor 1/3" Sony Super HAD CCD	420TVL / 4CIF NTSC 510x492	H.264	up to 30fps	0.1Lux/F1.2	—	—	Yes	Yes	12VDC/PoE, 4W Max.
DS-2CD812NF-E		480TVL / 4CIF NTSC 768x494								
DS-2CD892NF-E		540TVL / 4CIF NTSC 768x494								
DS-2CD802NF-W	 Wireless Indoor 1/3" Sony Super HAD CCD	420TVL / 4CIF NTSC 510x492	H.264	up to 30fps	0.1Lux/F1.2	—	—	Yes	Yes	12VDC/PoE, 4W Max.
DS-2CD812NF-W		480TVL / 4CIF NTSC 768x494								
DS-2CD892NF-W		540TVL / 4CIF NTSC 768x494								



## IP Cameras (cont.)

Model	Image Sensor	Resolution	Video Compression	Frame Rate	Min. Illumination	Adj. Range	Lens	SD Card	PoE	Power	
DS-2CD802N-IR1(IR3)(IR5)	 Outdoor	1/3" Sony Super HAD CCD	420TVL / 4CIF NTSC 510x492	H.264	up to 30fps	0.1Lux/F1.2 0Lux with IR IR1: 30 Feet IR3: 100 Feet IR5: 150 Feet	IR1: 6mm IR3: 12mm IR5: 16mm	No	No	12VDC IR1: 5.5W Max. IR3: 7W, IR5: 9W	
DS-2CD812N-IR1(IR3)(IR5)		480TVL / 4CIF NTSC 768x494									
DS-2CD892N-IR1(IR3)(IR5)		450TVL / 4CIF NTSC 768x494									
DS-2CD732NF-E	 Indoor	1/4" CMOS	480TVL / 4CIF NTSC 604x480	H.264	up to 30fps	0.4Lux/F1.2	Pan 355° Tilt 90°	3.5-8mm	Yes	Yes	12VDC/PoE, 3W Max.
DS-2CD702NF-E	 Indoor	1/3" Sony Super HAD CCD	420TVL / 4CIF NTSC 510x492	H.264	up to 30fps	0.1Lux/F1.2	Pan 355° Tilt 90°	3.5-9mm	Yes	Yes	12VDC/PoE, 4W Max.
DS-2CD712NF-E			480TVL / 4CIF NTSC 768x494								
DS-2CD792NF-E			540TVL / 4CIF NTSC 768x494								
DS-2CD7133-E	 Indoor/ Outdoor	1/4" CMOS	VGA 640x480	H.264	up to 30fps	0.1Lux/F1.2 (Color) 0.01Lux/ F1.2 (B&W)	4mm	Electronic	No	Yes	12VDC/PoE, 3W Max.








## IP Speed Domes








Model	Image Sensor	Optical Zoom	Resolution	Video Comp.	Frame Rate	Min. Illumination	Pan & Tilt Speed	Lens	Day & Night	SD Card	Power	
DS-2DF1-611H DS-2DF1-631H	 In-Ceiling	18x	480TVL/4CIF NTSC 768x494	H.264	up to 30fps	1.0/F1.4	Pan:0.3-400°/s Tilt:0.5-150°/s	4.1-73.8mm	Electronic	Yes	24VAC 30W Max. with heater	
DS-2DF1-613H DS-2DF1-633H		18x	480TVL (Color) 520TVL (B&W) NTSC 768x494			0.7Lux/F1.4 (Color) 0.01Lux/F1.4 (B&W)		ICR				
DS-2DF1-615H DS-2DF1-635H		26x	480TVL (Color) 520TVL (B&W) NTSC 768x494			1.0Lux/F1.4 (Color) 0.01Lux/F1.4 (B&W)		3.5-91mm	ICR			
DS-2DF1-617H DS-2DF1-637H		36x	480TVL (Color) 520TVL (B&W) NTSC 768x494			1.4Lux/F1.4 (Color) 0.01Lux/F1.4 (B&W)		3.4-122.4mm	ICR			
DS-2DF1-617H-B DS-2DF1-637H-B		128x Digital WDR	480TVL (Color) 520TVL (B&W) NTSC 768x494			1.4Lux/F1.4 (Color) 0.01Lux/F1.4 (B&W)		3.4-122.4mm	ICR			
DS-2DF1-401H	 Indoor	1/4" Interline transfer CCD	10x	500TVL (Color) 570TVL (B&W) NTSC 768x494	H.264	up to 30fps	0.7Lux/F1.4 (Color) 0.02Lux/F1.4 (ICR On)	Pan:0.7-400°/s Tilt:0.7-150°/s	3.8-38mm	ICR	Yes	12VDC/PoE 12W Max.

## Color Cameras

Model	Image Sensor	WDR/ HLC	Resolution	Min. Illumination	Lens	OSD Menu	Day & Night	BLC/ WDR	Sync.	Power
DS-2CC102N-A	 Indoor	—	420TVL	0.1Lux/F1.2	—	—	Electronic	BLC	Internal	12VDC/24VAC 2W Max.
DS-2CC112N-A			480TVL							
DS-2CC192N-A			540TVL							
DS-2CC191N-A	 Indoor	—	540TVL	0.05Lux/F1.2	—	—	Electronic	BLC	Internal	12VDC/24VAC 3W Max.
DS-2CC193N-A			540TVL (Color) 600TVL (B&W)	0.1Lux/F1.2 (Color) 0.01Lux/F1.2 (B&W)	—	Yes	ICR	—	Internal	12VDC/24VAC 10W Max.
DS-2CC195N-A			540TVL (Color) 600TVL (B&W)	0.2Lux/F1.2 (Color) 0.02Lux/F1.2 (B&W)	—	Yes	ICR	BLC	Internal	
DS-2CC197N-A			1/3" Sony vertical double density interline CCD	WDR 160x	540TVL (Color) 600TVL (B&W)	0.2Lux/F1.2 (Color) 0.02Lux/F1.2 (B&W)	—	Yes	ICR	BLC
DS-2CC178N-A	1/3" Sony CCD	HLC	540TVL (Color) 600TVL (B&W)	0.1Lux/F1.2 (Color) 0.01Lux/F1.2 (B&W)	—	Yes	ICR	BLC	Internal	12VDC/24VAC 10W Max.

## Color Cameras (Cont.)

Model		Image Sensor	Optical Zoom	Resolution	Min. Illumination	Lens	OSD Menu	Day & Night	BLC / WDR	Sync.	Power
DS-2CZ232N	 Indoor	1/4" Sony Interline transfer Super HAD CCD	22x	540TVL	0.1Lux/F1.6	3.9-85.8mm	Yes	Electronic	BLC	Internal	12VDC 4W Max.
DS-2CZ252N	 Indoor	1/4" Sony Interline transfer Super HAD CCD	23x	540TVL (Color) 600TVL (B&W)	0.2Lux/F1.6 (Color) 0.02Lux/F1.6 (B&W)	3.84-88.4mm	Yes	ICR	BLC	Internal	12VDC 4.8W Max.
DS-2CC532N	 Indoor	1/4" CMOS	Pan 0° Tilt 90°	480TVL	0.1Lux/F1.2	3.6mm	—	Electronic	BLC	Internal	12VDC 2W Max.
DS-2CC502N-M	 Indoor	1/3" Sony Super HAD CCD	Pan 0° Tilt 90°	420TVL	0.1Lux/F1.2	3.6mm	—	Electronic	BLC	Internal	12VDC 2W Max.
DS-2CC572N-M				540TVL							
DS-2CC502N-A	 Indoor	1/3" Sony Super HAD CCD	Pan 0° Tilt 90°	420TVL	0.1Lux/F1.2	3.6mm	—	Electronic	BLC	Internal	12VDC/24VAC 2W Max.
DS-2CC512N-A				480TVL				Electronic			
DS-2CC592N				540TVL				Electronic			
DS-2CC502N-FB (Vandal Proof)	 Indoor	1/3" Sony Super HAD CCD	Pan 0° Tilt 90°	420TVL	0.1Lux/F1.2	3.5-9mm	—	Electronic	BLC	Internal	12VDC 3.5W Max.
DS-2CC512N-FB (Vandal Proof)				480TVL				Electronic			
DS-2CC592N-FB (Vandal Proof)				530TVL				Electronic			
DS-2CC511N-A	 Indoor	1/3" Sony Super HAD CCD	Pan 355° Tilt 90°	480TVL	0.1Lux/F1.2	3.5-9mm	—	Electronic	BLC	Internal	12VDC/24VAC 3.5W Max.
DS-2CC591N-A				540TVL							

Model		Image Sensor	Adj. Range	Resolution	Min. Illumination	IR Illumination	OSD Menu	Lens	BLC	Sync.	Power
DS-2CC102N-IR	 Outdoor	1/3" Sony Super HAD CCD	—	420TVL	0.1Lux/F1.2 (0Lux with IR)	30 Feet	—	6mm	BLC	Internal	12VDC 3W Max.
DS-2CC112N-IR				480TVL							
DS-2CC192N-IR				540TVL							
DS-2CC102N-IR3(IR5)	 Outdoor	1/3" Sony Super HAD CCD	—	420TVL	0.1Lux/F1.2 (0Lux with IR)	IR3 - 100 Feet IR5 - 150 Feet	—	12mm 16mm	BLC	Internal	12VDC 6W Max.
DS-2CC112N-IR3 (IR5)				480TVL							
DS-2CC192N-IR3 (IR5)				540TVL							
DS-2CC102N-IRT	 Outdoor	1/3" Sony CCD	—	420TVL	0.1Lux/F1.2 (0Lux with IR)	100 Feet	—	4-9mm (remote control)	BLC	Internal	12VDC/24VAC 13W Max.
DS-2CC112N-IRT				480TVL							
DS-2CC192N-IRT				540TVL							
DS-2CC102N-IRA	 Outdoor	1/3" Sony CCD	—	420TVL	0.1Lux/F1.2 (0Lux with IR)	300 Feet	—	25mm	BLC	Internal	24VAC 15W Max.
DS-2CC112N-IRA				480TVL							
DS-2CC192N-IRA				540TVL							
DS-2CC502N-IR	 Outdoor	1/3" Sony Super HAD CCD	—	420TVL	0.1Lux/F1.2 (0Lux with IR)	IR: 30 Feet	—	IR: 6mm	BLC	Internal	12VDC IR1: 3W Max.
DS-2CC512N-IR				480TVL							
DS-2CC592N-IR				540TVL							
DS-2CC502N-IR3	 Outdoor	1/3" Sony Super HAD CCD	—	420TVL	0.1Lux/F1.2 (0Lux with IR)	IR3: 100 Feet	—	IR3: 12mm	BLC	Internal	12VDC IR3: 6W Max.
DS-2CC512N-IR3				480TVL							
DS-2CC592N-IR3				540TVL							
DS-2CC502N-IMB (Vandal Proof)	 Indoor	1/3" Sony Super HAD CCD	Pan 0° Tilt 90°	420TVL	0.1Lux/F1.2	30 Feet	—	3.6mm	BLC	Internal	12VDC 2W Max.
DS-2CC572N-IMB (Vandal Proof)				540TVL							



## Covert Cameras

Model	Image Sensor	WDR x	Resolution	Min. Illumination	Lens	OSD Menu	Day & Night	BLC	Sync.	Power
DS-2CC502N-DG1	1/3" Sony Super HAD CCD	—	420TVL	0.05Lux/F1.2	3.7mm	—	Electronic	BLC	Internal	12VDC, 1.1W Max.
DS-2CC512N-DG1			480TVL	0.01Lux/F1.2						12VDC, 1.5W Max.
DS-2CC597N-DG1		1/3" Sony Vertical Double Density Interline CCD	WDR 160x	540TVL		0.1Lux/F1.2				Yes
DS-2CC502N-DG2	1/3" Sony Super HAD CCD	—	420TVL	0.05Lux/F1.2	2.45mm	—	Electronic	BLC	Internal	12VDC, 1.1W Max.
DS-2CC512N-DG2			480TVL	0.01Lux/F1.2						12VDC, 1.5W Max.
DS-2CC597N-DG2		1/3" Sony Vertical Double Density Interline CCD	WDR 160x	540TVL		0.1Lux/F1.2				3.7mm




## Speed Domes

Model	Image Sensor	Optical Zoom	Resolution	Min. Illumination	Lens	OSD Menu	Day & Night	BLC / WDR	Pan & Tilt Speed	Power
DS-2AM1-612X/M DS-2AM1-632X/M	1/4" Sony Super HAD CCD	22x	480TVL	0.1Lux/F1.4	3.91-85.8mm	Yes	Electronic	BLC	Pan:0.2-75°/s Tilt:0.2-50°/s	24VAC 12W (50W Max. w/ Heater on)
DS-2AM1-613X/M DS-2AM1-633X/M		18x	480TVL	0.7Lux/F1.4 (Color) 0.01Lux/F1.4 (B&W)	4.1-73.8mm		ICR			
DS-2AM1-614X/M DS-2AM1-634X/M		23x	480TVL (Color) 520TVL (B&W)	0.2Lux/F1.6 (Color) 0.02Lux/F1.6 (B&W)	3.84-88.4mm		ICR			
DS-2AF1-611X DS-2AF1-631X	1/4" Sony EXview CCD	18x	480TVL	1.0Lux/F1.4	4.1-73.8mm	Yes	Electronic	BLC	Pan:0.3-400°/s Tilt:0.5-150°/s	24VAC 30W with Heater on
DS-2AF1-613X DS-2AF1-633X			480TVL (Color) 520TVL (B&W)	0.2Lux/F1.6 (Color) 0.02Lux/F1.6 (B&W)	4.1-73.8mm		ICR			
DS-2AF1-612X DS-2AF1-632X	1/4" Sony Super HAD CCD	22x	480TVL	0.1Lux/F1.6	3.9-85.8mm	Yes	Electronic	BLC	Pan:0.3-400°/s Tilt:0.5-150°/s	24VAC 30W with Heater on
DS-2AF1-614X DS-2AF1-634X	1/4" Sony Super HAD CCD	23x	480TVL (Color) 520TVL (B&W)	0.1Lux/F1.6 (Color) 0.02Lux/F1.6 (B&W)	3.84-88.4mm	Yes	ICR	BLC	Pan:0.3-400°/s Tilt:0.5-150°/s	24VAC 30W with Heater on
DS-2AF1-615X DS-2AF1-635X	1/4" Sony EXview CCD	26x	480TVL (Color) 520TVL (B&W)	0.7Lux/F1.4 (Color) 0.01Lux/F1.4 (B&W)	3.5-91mm	Yes	ICR	BLC	Pan:0.3-400°/s Tilt:0.5-150°/s	24VAC 30W with Heater on
DS-2AF1-615X DS-2AF1-635X	1/4" Sony EXview CCD	26x	480TVL (Color) 520TVL (B&W)	0.7Lux/F1.4 (Color) 0.01Lux/F1.4 (B&W)	3.5-91mm	Yes	ICR	BLC	Pan:0.3-400°/s Tilt:0.5-150°/s	24VAC 30W with Heater on
DS-2AF1-616X DS-2AF1-636X	1/4" Sony Interline Transfer CCD	30x	540TVL (Color) 570TVL (B&W)	1.8Lux/F1.4 (Color) 0.04Lux/F1.4 (B&W)	3.5-105mm	Yes	ICR	BLC	Pan:0.3-400°/s Tilt:0.5-150°/s	24VAC 30W with Heater on
DS-2AF1-617X DS-2AF1-637X	1/4" Sony EXview CCD	36x	480TVL (Color) 520TVL (B&W)	1.4Lux/F1.4 (Color) 0.01Lux/F1.4 (B&W)	3.4-122.4mm	Yes	ICR	BLC	Pan:0.3-400°/s Tilt:0.5-150°/s	24VAC 30W with Heater on
DS-2AF1-617X-B DS-2AF1-637X-B	1/4" Sony EXview CCD	36x (128x WDR)	480TVL (Color) 520TVL (B&W)	1.4Lux/F1.4 (Color) 0.01Lux/F1.4 (B&W)	3.5-91mm	Yes	ICR	BLC/ WDR	Pan:0.3-400°/s Tilt:0.5-150°/s	24VAC 30W with Heater on
DS-2AF1-512 DS-2AF1-502	1/4" Sony Super HAD CCD	22x	480TVL	1.0Lux/F1.6	3.9-85.8mm	Yes	Electronic	BLC	Pan:0.1-400°/s Tilt:0.5-185°/s	24VAC 30W with Heater on
DS-2AF1-514	1/4" Sony Super HAD CCD	23x	480TVL (Color) 520TVL (B&W)	0.2Lux/F1.6 (Color) 0.02Lux/F1.6 (B&W)	3.84-88.4mm	Yes	ICR	BLC	Pan:0.1-400°/s Tilt:0.5-185°/s	24VAC 30W with Heater on
DS-2AF1-516	1/4" Sony Interline Transfer CCD	30x	540TVL (Color) 570TVL (B&W)	0.8Lux/F1.4 (Color) 0.04Lux/F1.4 (B&W)	3.5-105mm	Yes	ICR	BLC	Pan:0.1-400°/s Tilt:0.5-185°/s	24VAC 30W with Heater on
DS-2AF1-517	1/4" Sony EXview CCD	36x	480TVL (Color) 520TVL (B&W)	1.4Lux/F1.4 (Color) 0.01Lux/F1.4 (B&W)	3.4-122.4mm	Yes	ICR	BLC	Pan:0.1-400°/s Tilt:0.5-185°/s	24VAC 30W with Heater on
DS-2AF1-401X	1/4" Sony Interline transfer CCD	10x	500TVL (Color) 570TVL (B&W)	0.7Lux/F1.4 (Color) 0.02Lux/F1.4 (B&W)	3.8-38mm	Yes	ICR	BLC	Pan:0.3-400°/s Tilt:0.5-150°/s	24VAC/12VDC 12W Max.













## Embedded Digital Video Servers

Model	Video In	Video Out	Audio In/Out	Voice Talk Input	Encode/Decode Resolution	Dual Stream	Network Interface	RS-232 Port	RS-485	Power	
DS-6101HFI-IP-SD		1ch	1ch	1ch/1ch	1ch	up to 4CIF@30fps	Yes	Yes	Yes	Yes	12VDC (<3W)
DS-6104HCI-SD		4ch	—	4ch/1ch	—	CIF@30fps	Yes	Yes	Yes	Yes	12VDC (<7W)

## Decoder Servers

Model	Video Out	Video Comp.	Audio Out	Voice Talk Input	Resolution	Dual Stream	VGA Interface	RS-232 Port	RS-485	Power
DS-6301DI		1ch	H.264, MPEG4	1ch	up to 720P@30fps	Yes	Yes	Yes	Yes	12VDC (<40W)
DS-6304DI		4ch		4ch						
DS-6308DI		8ch		8ch						

## Compression Cards














Model	Video Compression	Video Input	Audio Input	Resolution	Dual Stream	Frame Rate	Power
DS-4208HFVI		H.264	8	8	4CIF	Up to 8Ch 4CIF main stream, +8Ch CIF sub stream encoding	4CIF: 25-30fps <7W Max.
DS-4216HFVI		H.264	16	16	4CIF	Up to 16Ch 4CIF main stream, +16Ch CIF sub stream encoding	4CIF: 25-30fps <14W Max.
DS-4004HCI		H.264	4	4	4CIF	Up to 4Ch 4CIF main stream, +4Ch CIF sub stream encoding	4CIF: 3-5fps DCIF: 6-7fps 2CIF: 8-9fps CIF: 25-30fps <3.5W Max.
DS-4008HCI		H.264	8	8	4CIF	Up to 8Ch 4CIF main stream, +8Ch CIF sub stream encoding	4CIF: 10-12fps DCIF: 20-22fps CIF: 25-30fps <7W Max.
DS-4008HCI-E (PCI-Express)		H.264	8	8	4CIF	Up to 8Ch 4CIF main stream, +8Ch CIF sub stream encoding	4CIF: 10-12fps DCIF: 20-22fps CIF: 25-30fps <7W Max.
DS-4016HCI		H.264	16	16	4CIF	Up to 16Ch 4CIF main stream, +16Ch CIF sub stream encoding	4CIF: 10-12fps DCIF: 20-22fps 2CIF: 25-30fps <22W Max.
DS-4216HCI		H.264	16	16	4CIF	Up to 16Ch 4CIF main stream, +16Ch CIF sub stream encoding	4CIF: 5fps 2CIF: 20fps CIF: 30fps <8.5W Max.
DS-4008HSI		H.264	8	8	4CIF	—	4CIF: 3-5fps DCIF: 6-7fps 2CIF: 8-9fps CIF: 25-30fps <4.5W Max.
DS-4016HSI		H.264	16	16	4CIF	—	4CIF: 3-5fps DCIF: 6-7fps 2CIF: 8-9fps CIF: 25-30fps <9W Max.
Model	Video Decoding	Video Output	Audio Output	Resolution	Dual Stream	Frame Rate	Power
DS-4002MDI		4	2	2	4CIF	—	4CIF: 30fps CIF: 30fps <3.5W Max.
DS-4004MDI		8	4	4	4CIF	—	4CIF: 30fps CIF: 30fps <7.5W Max.
DS-4101HDI		1ch - HD1080P 2ch - HD720P 4ch - 4CIF	1	1	up to 1080P	—	1080P: 30fps 720P: 30fps 4CIF: 30fps <9.5W Max.

## Camera Brackets

Model	Description	Compatibility
<b>4" Speed Dome Brackets</b>		
DS-1611ZJSL	 4" Indoor Speed Dome Bracket, Silver, Wall Mount - Size:347x100x192mm (13.6x4x7.5in)	DS-2CD702/712/792NF-E, DS-2CD732F-E, DS-2CD752MF-E, DS-2AF1-401X, DS-2DF1-401H
DS-1612ZJSL	 4" Indoor Speed Dome Bracket, Silver, Size:183x141x192	DS-2CD702/712/792NF-E, DS-2CD732F-E, DS-2CD752MF-E, DS-2AF1-401X, DS-2DF1-401H
DS-1671ZJ	 4" Indoor Ceiling Embedded Mount	DS-2CD702/712/792NF-E, DS-2CD732F-E, DS-2CD752MF-E, DS-2AF1-401X, DS-2DF1-401H
DS-1217ZJ	 Wall mount dome bracket for DS-2CD752/762MF-FB vandal proof	DS-2CD752MF-FB, DS-2CD762MF-FB DS-2CD752MF-IFB, DS-2CD762MF-IFB
DS-1651ZJSL	 30cm, 4" Indoor Speed Dome Pendant Mount - Size:120x120x332mm(4.75x4.75x13in)	DS-2CD702/712/792NF-E, DS-2CD732F-E, DS-2CD752MF-E, DS-2AF1-401X, DS-2DF1-401H
DS-1652ZJSL	 50cm, 4" Indoor Speed Dome Pendant Mount - Size:120x120x532mm(4.75x4.75x21in)	DS-2CD702/712/792NF-E, DS-2CD732F-E, DS-2CD752MF-E, DS-2AF1-401X, DS-2DF1-401H
<b>6" Speed Dome Brackets</b>		
DS-1611ZJWH	 6" Outdoor Speed Dome Bracket, White, Wall Mount - Size:347x100x192mm (13.6x4x7.5in)	DS-2AF1-512/514/516/517 DS-2AF1-611X/612X/613X/614X/615X/616X/617X/617X-B DS-2DF1-611H/613H/615H/617H/617H-B DS-2DF1-672
DS-1632ZJ	 6" Outdoor Speed Dome Bracket, White, Corner Mount -Size:456x170x202mm (18x6.75x8in)	DS-2AF1-512/514/516/517 DS-2AF1-611X/612X/613X/614X/615X/616X/617X/617X-B DS-2DF1-611H/613H/615H/617H/617H-B DS-2DF1-672
DS-1651ZJWH	 6" Indoor Speed Dome Bracket, White, 30cm Pendant Mount - Size:120x120x332mm (4.75x4.75x13in)	DS-2AF1-512/514/516/517 DS-2AF1-611X/612X/613X/614X/615X/616X/617X/617X-B DS-2DF1-611H/613H/615H/617H/617H-B DS-2DF1-672
DS-1652ZJWH	 6" Indoor Speed Dome Bracket, White, 50cm Pendant Mount - Size:120x120x532mm (4.75x4.75x21in)	DS-2AF1-512/514/516/517 DS-2AF1-611X/612X/613X/614X/615X/616X/617X/617X-B DS-2DF1-611H/613H/615H/617H/617H-B DS-2DF1-672
DS-1621ZJ	 6" Outdoor Speed Dome Bracket, White, Pole Mount - Size:393x120x202mm (15.5x4.75x12in)	DS-2AF1-512/514/516/517 DS-2AF1-611X/612X/613X/614X/615X/616X/617X/617X-B DS-2DF1-611H/613H/615H/617H/617H-B DS-2DF1-672
DS-1642ZJ	 6" Outdoor Speed Dome Bracket, White, Ceiling Mount Bracket - Size120x120x40mm (4.75x4.75x1.5in)	DS-2AF1-512/514/516/517 DS-2AF1-611X/612X/613X/614X/615X/616X/617X/617X-B DS-2DF1-611H/613H/615H/617H/617H-B DS-2DF1-672
<b>Box Cameras</b>		
DS-1201ZJ	 Suitable for box cameras, Ceiling Mount - Size:80x171mm (3x6.75in)	All box camera models
DS-1212ZJ	 Suitable for box camera, Wall Mount - Size:170x95x63mm (6.75x3.75x2.5in)	All box camera models
DS-1213ZJ	 Suitable for box camera and indoor/outdoor housing, Wall Mount -Size:280x124x80mm (11x5x3in)	All box camera models



**Camera Lenses**

Model	Description
Analog and IP (4CIF/VGA) Lenses	
TF0216	 <p>1/3" Image Size, Iris:Fixed, Focal length:2.1mm, Aperture:1.6, Mount:CS</p>
TF0412-IR	 <p>1/3" Image Size,IR, Iris:Fixed, Focal length:4mm, Aperture:1.2, Mount:CS</p>
TV2713D-IR	 <p>1/3" Image Size,IR, Iris:Auto Iris, Focal length:2.7-13mm, Aperture:1.3, Mount:CS</p>
TV0550D-IR	 <p>1/3" Image Size,IR, Iris:Auto Iris, Focal length:5-50mm, Aperture:1.4, Mount:CS</p>
FY28V8AW	 <p>1/3" Image Size, Iris:Auto Iris, Focal length:2.8-8mm, Aperture:0.95, Mount:CS</p>
12VG1040ASIR	 <p>1/2" Image Size, IR, Iris: DC Type Auto Iris, Focal length:10-40mm, Aperture:1.5, Mount:C</p>
D8*7.8HA-YE2	 <p>1/2" Image Size,Motorized Zoom Lens Iris:DC Type Auto Iris, Focal length:7.8-63mm, Aperture:1.2, Mount:CS</p>
Megapixel Manual Iris Lenses	
TV0515M-MPIR	 <p>1/3" Image Size,IR, Iris:Manual, Focal length:5-15mm, Aperture:1.4, Mount:CS</p>
HV4510M-MPIR	 <p>1/2" Image Size,IR, Iris:Manual, Focal length:4.5-10mm, Aperture:1.6, Mount:CS</p>
Megapixel Auto Iris Lenses	
YV4.3*2.8SA-SAWL	 <p>1/3" Image Size, Iris:Auto Iris, Focal length:2.8-12mm, Aperture:1.4, Mount:CS</p>
YV3.3*15SA-SAWL	 <p>1/3" Image Size, Iris:Auto Iris, Focal length:15-50mm, Aperture:1.5, Mount:CS</p>
TV0515D-MPIR	 <p>1/3" Image Size,IR, Iris:Auto Iris, Focal length:5-15mm, Aperture:1.4, Mount:CS</p>
HV4510D-MPIR	 <p>1/2" Image Size,IR, Iris:Auto Iris, Focal length:4.5-10mm, Aperture:1.6, Mount:CS</p>