

## Release Version v5.5(2017/02/10)

### Modules:

Device Pack v 5.5

### Supported Systems:

Mainconsole v 5.0.0 above  
 NVRMini2 v 2.1.0 above  
 NVRSolo v 1.1.1 above  
 Titan NVR v 1.6.2 above  
 Crystal™ v 2.0.3 above

## Appendix

### 1. Mainconsole

#### a. Stream profile (multi-stream setting)

Brand/ Series	Cameras	Low Profile			Minimum Profile		
		Format	Resolution	Framerate	Format	Resolution	Frame rate
D-link	DCS-2132LB DCS-2103B1	H.264 MJPEG	16:9 : 1280x720~ 320x176 4:3 : 960x720~3 20x240	1~30	H.264 MJPEG4	16:9 : 1280x720~ 320x176 4:3 : 960x720~3 20x240	1~30
	DCS-2332L	H.264 MJPEG MPEG4	4:3 1024x768 800x600 640x480 480x360 320x240 176x144 16:9 1280x800 1280x720 800x450 640x360 480x270 320x176 176x144	1~30	H.264 MJPEG MPEG4	4:3 1024x768 800x600 640x480 480x360 320x240 176x144 16:9 1280x800 1280x720 800x450 640x360 480x270 320x176 176x144	1~30
	DCS-2210 DCS-2230 DCS-6314	H.264 MJPEG MPEG4	16:9 : 1920x1080 ~176x144 4:3 : 1440x1080 ~176x144	1~30	H.264 MJPEG MPEG4	16:9 : 1920x1080 ~176x144 4:3 : 1440x1080 ~176x144	1~30
	DCS-3112	H.264 MJPEG	16:9 : 1280x720~	1~30	H.264 MJPEG	16:9 : 1280x720~	1~30

		MPEG4	176x144 4:3 : 1280x1024 ~176x144		MPEG4	176x144 4:3 : 1280x1024 ~176x144	
DCS-3511		H.264 MJPEG MPEG4	1280x800, 640x400,3 20x200	1~30	H.264 MJPEG MPEG4	1280x800, 640x400, 320x200	1~30
DCS-3710B1		H.264 MJPEG MPEG4	1280x1024 ~160x120	1~30	H.264 MJPEG MPEG4	1280x1024 ~160x120	1~30
DCS-3714		H.264 MJPEG MPEG4	16:9 : 1280x720~ 320x176 4:3 : 1024x768~ 320x240	1~30	H.264 MJPEG MPEG4	16:9 : 1280x720~ 320x176 4:3 : 1024x768~ 320x240	1~30
DCS-4201		H.264 MJPEG	Ratio 4:3 : 960x720~3 20x240 Ratio 16:9 : 1280x720~ 320x176	1~30	H.264 MJPEG	Ratio 4:3 : 640x480~3 20x240 / Ratio 16:9 : 640x360~3 20x176	1~30
DCS-4602EV		H.264 MJPEG	Ratio 4:3 : 1280x960~ 320x240 Ratio 16:9 : 1280x720~ 320x176	1~30	H.264 MJPEG	Ratio 4:3 : 640x480~3 20x240 Ratio 16:9 : 640x360~3 20x176	1~30
DCS-4603 DCS-4703E		H.264 MJPEG	2048x1536 ~640x360	1~30	H.264	2048x1536 ~1920x1080	30
DCS-6010L		H.264 MJPEG MPEG4	1600x1200 ~400x300	1~15	H.264 MJPEG MPEG4	1600x1200 ~400x300	1~15
DCS-6513		H.264 MJPEG	Ratio 4:3 : 2048x1536 ~176x144 Ratio 16:9 : 1920x1080 ~176x144	1~30	H.264 MJPEG	Same as stream2	1~30
DCS-6515		H.264	640x480	15	H.264	640x480	15
DCS-7010L		H.264, MJPEG, MPEG4	Aspect ratio 16:9 : 176x144~1 280x800 Aspect ratio 4:3 : 176x144~1 024x768	1~30	H.264, MJPEG, MPEG4	Aspect ratio 16:9 : 176x144~1 280x800 Aspect ratio 4:3 : 176x144~1 024x768	1~30
DCS-7110B1		H.264 MJPEG MPEG4	384x216~1 920x1080	1~30	H.264 MJPEG MPEG4	384x216~1 920x1080	1~30
DCS-7413B1		H.264 MJPEG	16:9 : 1920x1080	1~30	H.264 MJPEG	16:9 : 1920x1080	1~30

		MPEG4	~176x144 4:3 : 1440x1080 ~176x144		MPEG4	~176x144 4:3 : 1440x1080 ~176x144	
	DCS-7513	H.264, MJPEG	1280x720, 960x560, 640x360, 320x176	1~30	H.264, MJPEG	960x560, 640x360, 320x176	1~30
	DCS-7517DC S-6517	H264, MJPEG	Aspect ratio=16:9 1280x720, 960x540,6 40x360 Aspect ratio=4:3 1280x960, 800x600,6 40x480	Aspect ratio=16: 9 1,2,3,5,8, 10,15,20, 25,30 Aspect ratio=4:3 1,2,3,5,8, 10,15	H264, MJPEG	Aspect ratio=16:9 960x540,6 40x360 Aspect ratio=4:3 800x600,6 40x480,32 0x240	Aspect ratio=1 6:9 1,2,3,5 ,8,10,1 5,20,2 5,30 Aspect ratio=4 :3 1,2,3,5 ,8,10,1 5
	DCS-1301	H.264, MJPEG, MPEG4	Aspect ratio 4:3 : 1440x1080 ,1280x960, 1024x768, 800x600,6 40x480,48 0x360,320x 240,176x1 44 Aspect ratio 16:9 : 1920x1080 ,1280x720, 800x450,6 40x360,48 0x270,320x 176,176x1 44	1~30	H.264, MJPEG, MPEG4	Aspect ratio 4:3 : 1440x1080 ,1280x960, 1024x768, 800x600,6 40x480,48 0x360,320x 240,176x1 44 Aspect ratio 16:9 : 1920x1080 ,1280x720, 800x450,6 40x360,48 0x270,320x 176,176x1 44	1~30
	DCS-4602EV DCS-4802E	H.264, MJPEG	16:9 : 1920x1080 ,1280x720, 800x448,6 40x360,48 0x272,320x 176 4:3 : 1440x1080 ,1280x960, 1024x768, 800x592,6 40x480,48 0x352,320x 240	1~30	same as stream2	same as stream2	1

	DCS-4701E	H.264, MJPEG	16:9 : 1280x720, 800x448,6 40x360,48 0x272,320x 176 4:3 : 960x720,8 00x592,64 0x480,480x 352,320x2 40	1~30	same as stream2	same as stream2	1
	DCS-4201	H.264, MJPEG	16:9 : 1280x720, 800x448,6 40x360,48 0x272,320x 176 4:3 : 960x720,8 00x592,64 0x480,480x 352,320x2 40	1~30	same as stream2	same as stream2	1
	Universal Model(test by using DCS-6513 FW: 1.03.03)	H.264, MJPEG, MPEG4	16:9 : 1920x1080 , 1280x720, 800x450, 640x360, 480x270, 320x176, 176x144 4:3 : 2048x1536 , 1600x1200 , 1024x768, 800x600, 640x480, 480x360, 320x240, 176x144	1~30	H.264, MJPEG, MPEG4	16:9 : 1920x1080 , 1280x720, 800x450, 640x360, 480x270, 320x176, 176x144 4:3 : 2048x1536 , 1600x1200 , 1024x768, 800x600, 640x480, 480x360, 320x240, 176x144	1~30
	DCS-4622	H.264 MJPEG	1920x1536 ~640x512	1~25	Same as stream2	Same as stream2	1
	DCS-6511	MJPEG,MP EG4,H.26 4	1280x720~ 176x144	30,15,7,4, 1	MJPEG,MPE G4,H.264	1280x720~ 176x144	30,15, 7,4,1
	DCS-6210	MJPEG,MP EG4,H.26 4	aspectratio =4:3 1440x1080 ~176x144 aspectratio =16:9	30,15,7,4, 1	MJPEG,MPE G4,H.264	aspectratio =4:3 1440x1080 ~176x144 aspectratio =16:9	30,15, 7,4,1

			1920x1080 ~176x144			1920x1080 ~176x144	
	DCS-2136L	MJPEG,MP EG4,H.26 4	aspectratio =16:9 1280x720~ 320x176 aspectratio =4:3 1024x768~ 320x240	30,15,7,4, 1	MJPEG,MPE G4,H.264	aspectratio =16:9 1280x720~ 320x176 aspectratio =4:3 1024x768~ 320x240	30,15, 7,4,1
	DCS-3716	MJPEG,MP EG4,H.26 4	aspectratio =16:9 1280x720~ 320x176 aspectratio =4:3 1024x768~ 320x240	30,15,7,4, 1	MJPEG,MPE G4,H.264	aspectratio =16:9 1280x720~ 320x176 aspectratio =4:3 1024x768~ 320x240	30,15, 7,4,1
	DCS-6210	MJPEG,MP EG4,H.26 4	aspectratio =4:3 1440x1080 ~176x144 aspectratio =16:9 1920x1080 ~176x144	30,15,7,4, 1	MJPEG,MPE G4,H.264	aspectratio =4:3 1440x1080 ~176x144 aspectratio =16:9 1920x1080 ~176x144	30,15, 7,4,1
	DCS-6115	MJPEG,MP EG4,H.26 4	aspectratio =4:3 1024x768~ 320x240 aspectratio =16:9 1280x720~ 320x176	30,15,7,4, 1	MJPEG,MPE G4,H.264	aspectratio =4:3 1024x768~ 320x240 aspectratio =16:9 1280x720~ 320x176	30,15, 7,4,1
	DCS-6315	MJPEG,MP EG4,H.26 4	aspectratio =4:3 1024x768~ 320x240 aspectratio =16:9 1280x720~ 320x176	30,15,7,4, 1	MJPEG,MPE G4,H.264	aspectratio =4:3 1024x768~ 320x240 aspectratio =16:9 1280x720~ 320x176	30,15, 7,4,1
	DCS-7517 DCS-6517	H.264, MJPEG	aspectratio =16:9 1280x720, 960x540,6 40x360 aspectratio =4:3 1280x960, 800x600,6 40x480	aspectratio=16:9 1,2,3,5,8, 10,15,20, 25,30 aspectratio=4:3 1,2,3,5,8, 10,15	H.264, MJPEG	aspectratio =16:9 960x540,6 40x360 aspectratio :4:3 800x600,6 40x480,32 0x240	aspectratio=1 6:9 1,2,3,5 ,8,10,1 5,20,2 5,30 aspectratio=4: 3 5 / 18

							1,2,3,5,8,10,15
	DCS-2330L	H.264, MJPEG	aspectratio =16:9 1280x720, 800x448, 640x360, 480x272, 320x176 aspectratio =4:3 960x720, 800x592, 640x480, 480x352, 320x240	30,15,7,4,1	H.264, MJPEG	aspectratio =16:9 1280x720, 800x448, 640x360, 480x272, 320x176 aspectratio =4:3 960x720, 800x592, 640x480, 480x352, 320x240	30,15,7,4,1
	DCS-2132LB DCS-2103B1	MJPEG, H.264	aspectratio =16:9 1280x720~320x176 aspectratio =4:3 960x720~320x240	30,15,7,4,1	MJPEG, H.264	aspectratio =16:9 1280x720~320x176 aspectratio =4:3 960x720~320x240	30,15,7,4,1
	DCS-6116	H.264/MJPEG	1280x720, 1024x768, 800x600, 720x576, 640x480, 352x288	1~30	H.264/MJPEG	1280x720, 800x600, 720x576, 640x480, 352x288	1~30
	DCS-6510	H.264/MJPEG/MPEG4	640x480, 320x240, 160x120	1~30	H.264/MJPEG/MPEG4	640x480, 320x240, 160x120	1~30
D-LinkCN	DCS-4721	H.264/MJPEG	1920x1080, 1280x720, 640x480, 320x240, 176x144	5~10,15,20,25,30	same as stream2	same as stream2	same as stream 2

## b. Stream profile

- Original
- Low: default H.264, under 500kbps; designed for mobile client single-view
- Minimum: default H.264, under 100 kbps; designed for mobile client multi-view

Brand/ Series	Cameras	Low Profile			Minimum Profile		
		Format	Resolution	Framerate	Format	Resolution	Frame rate
Dlink	DCS-1201 DCS-4701E	H.264	640*360	15	H.264	640*360	7
	DCS-2230L DCS-2210L	H.264	640x480	15	H.264	640x480	7
	DCS-6511	H.264	640x480	15	H.264	640x480	7
	DCS-7517	H.264	640x480	10~15	H.264	640x480	0.5~5
	DCS-7518 DCS-6515	H.264	640x480	15	MJPEG	640x480	2
	DCS-6116	H.264	352x288~640x480	15	H.264	352x288~640x480	7
	DCS-7110A 3	H.264	640x360	15	H.264	640x360	7
	DCS-2310 B1 DCS-6212L	H.264	640x480/640x360	15	H.264	640x480/640x360	7
	DCS-6112 DCS-6113	H.264	1360x768	15	H.264	1600x904	7
	DCS-6116	H.264	720x576~352x288	10~15	H.264	720x576~352x288	0.5~5
	IPC-HD210 0	H.264	CIF	15	H.264	CIF	0.1~1
	HCVR5104 H	H.264	CIF	1~10	H.264	CIF	1~10
	DCS-6517 DCS-7517	H.264	960x540	15	H.264	640x360	7
	DCS-6915 B1	MJPEG	352x240	5~8	MJPEG	352x240	1~2
	DCS-5222L B1 DCS-5222L B2	H.264	640x360/640x720	15	H.264	640x360/640x720	7
	DCS-2230L DCS-2210L	H.264	480x270	15	H.264	180x270	7
	DCS-7010L DCS-3716	H.264	640x360	15	H.264	640x360	7
D-Link CN	DCS-H50-2 1D/S DCS-H30-5 1D/S DCS-H70-2 1D/SA1 DCS-H70-2 1D/SM1 DCS-H41-1 1D/SI DCS-H41-1 1D/SO DCS-H42-2 1D/SA DCS-H42-2 1D/SM	H.264	176x120~720x480	30	H.264	176x120~352x240	0.5~2

	D-Link CN-Series	H.264	640x480	15~20	MPEG4	176x144	5
	DCS-H70-2 2D	H.264	720x480	25	H.264	352x240	25
	DCS-4721	H.264 MJPEG	1920x1080 ~176x144	5~10,15,25 ,30	Same as stream2	Same as stream2	Same as stream 2

## 2. NVRmini2/NVRsolo

### a. Stream profile (multi-stream setting)

Brand/ Series	Cameras	Low Profile			Minimum Profile		
		Format	Resolution	Framerate	Format	Resolution	Frame rate
D-link	DCS-2132LB DCS-2103B1	H.264/MJPEG	16:9 : 1280x720~ 320x176 4:3 : 960x720~3 20x240	1~30	H.264/MJPEG	16:9 : 1280x720~ 320x176 4:3 : 960x720~3 20x240	1~30
	DCS-2210 DCS-2230 DCS-6314	H.264 MJPEG MPEG4	16:9 : 1920x1080 ~176x144 4:3 : 1440x1080 ~176x144	1,4,7,15,30	H.264 MJPEG MPEG4	16:9 : 1920x1080 ~176x144 4:3 : 1440x1080 ~176x144	1,4,7,16,30
	DCS-2310L	H.264 MJPEG MPEG4	176x144~1 280x800	1~30	H.264 MJPEG MPEG4	176x144~1 280x800	1~30
	DCS-2332L	H.264 MJPEG MPEG4	4:3 1024x768 800x600 640x480 480x360 320x240 176x144 16:9 1280x800 1280x720 800x450 640x360 480x270 320x176 176x144	1~30	H.264 MJPEG MPEG4	4:3 1024x768 800x600 640x480 480x360 320x240 176x144 16:9 1280x800 1280x720 800x450 640x360 480x270 320x176 176x144	1~30
	DCS-2630L	MJPEG	1920x1080 1280x720 640x352 320x176	1~30	H.264	1280x720 640x352 320x176	10~30
	DCS-3112	H.264/MJPEG/MPEG4	16:9 : 1280x720~ 176x144 4:3 : 1280x1024	1~30	H.264/MJPEG/MPEG4	16:9 : 1280x720~ 176x144 4:3 : 1280x1024	1~30



			~176x144			~176x144	
DCS-3511	H.264 MJPEG MPEG4	1280x800, 640x400, 320x200	1~30	H.264 MJPEG MPEG4	1280x800, 640x400, 320x200	1~30	
DCS-3710B1	H.264/MJ PEG/MPE G4	1280x1024 ~160x120	1~30	H.264/MJP EG/MPEG4	1280x1024 ~160x120	1~30	
DCS-3714	H.264/MJ PEG/MPE G4	16:9 : 1280x720~ 320x176 4:3 : 1024x768~ 320x240	1~30	H.264/MJP EG/MPEG4	16:9 : 1280x720~ 320x176 4:3 : 1024x768~ 320x240	1~30	
DCS-4201	H.264/MJ PEG	Ratio 4:3: 960x720~3 20x240 Ratio 16:9: 1280x720~ 320~176	1~30	H.264/MJP EG	Ratio 4:3: 640x480~3 20x240 Ratio 16:9: 640x360~3 20x176	1~30	
DCS-4602EV	H.264/MJ PEG	Ratio 4:3: 1280x960~ 320x240 Ratio 16:9: 1280x720~ 320~176	1~30	H.264/MJP EG	Ratio 4:3: 640x480~3 20x240 Ratio 16:9: 640x360~3 20x176	1~30	
DCS-4603 DCS-4703E	H.264 MJPEG	2048x1536 ~640x360	1~30	H.264	2048x1536 ~1920x108 0	1~5	
DCS-6010L	H.264 MJPEG MPEG4	1600x1200 ~400x300	1~15	H.264 MJPEG MPEG4	1600x1200 ~400x300	1~15	
DCS-6513	H.264/MJ PEG	Ratio 4:3: 2048x1536 ~176x144 Ratio 16:9: 1920x1080 ~176x144	1~30	H.264/MJP EG	Same as tream2	1~30	
DCS-7010L	H.264/MJ PEG/MPE G4	Ratio 16:9: 176x144~1 280x800 Ratio 4:3: 176x144~1 024x768	1~30	H.264/MJP EG/MPEG4	Ratio 16:9: 176x144~1 280x800 Ratio 4:3: 176x144~1 024x768	1~30	
DCS-7110B1	H.264 MJPEG MPEG4	384x216~1 920x1080	1~30	H.264 MJPEG MPEG4	384x216~1 920x1080	1~30	
DCS-7413B1	H.264/MJ PEG/MPE G4	16:9 : 1920x1080 ~176x144 4:3 : 1440x1080 ~176x144	1~30	H.264/MJP EG/MPEG4	16:9 : 1920x1080 ~176x144 4:3 : 1440x1080 ~176x144	1~30	
DCS-7513	H.264/MJ PEG/MPE	16:9 : 1920x1080	1~30	H.264/MJP EG/MPEG4	16:9 : 1920x1080	1~30	

		G4	~176x144 4:3 : 1440x1080 ~176x144			~176x144 4:3 : 1440x1080 ~176x144	
DCS-7517 DCS-6517	H.264/MJ PEG		Ratio 16:9: 1280x720~ 640x360 Ratio 4:3: 1280x960~ 640x480	1~30	H.264/MJP EG	ratio=16:9 960x540~6 40x360 ratio:4:3 800x600~3 20x240	1~30
DCS-4602EV	H.264, MJPEG,		Aspect ratio 4:3: 1280x960~ 320x240 Aspect ratio 16:9: 1280x720~ 320x176	1~30	H.264, MJPEG	Aspect ratio 4:3: 640x480~3 20x240 Aspect ratio 16:9: 640x360~3 20x176	1~30
DCS-1301	H.264, MJPEG, MPEG4		Aspect ratio 4:3 : 1440x1080 ,1280x960, 1024x768, 800x600,6 40x480,48 0x360,320x 240,176x1 44 Aspect ratio 16:9 : 1920x1080 ,1280x720, 800x450,6 40x360,48 0x270,320x 176,176x1 44	1~30	H.264, MJPEG, MPEG4	Aspect ratio 4:3 : 1440x1080 ,1280x960, 1024x768, 800x600,6 40x480,48 0x360,320x 240,176x1 44 Aspect ratio 16:9 : 1920x1080 ,1280x720, 800x450,6 40x360,48 0x270,320x 176,176x1 44	1~30
DCS-4602EV DCS-4802E	H.264, MJPEG		16:9 : 1920x1080 ,1280x720, 800x448,6 40x360,48 0x272,320x 176 4:3 : 1440x1080 ,1280x960, 1024x768, 800x592,6 40x480,48 0x352,320x 240	1~30	as same as stream2	as same as stream2	1~5
DCS-4701E	H.264, MJPEG		16:9 : 1280x720, 800x448,6	1~30	Same as stream2	Same as stream2	1~5

			40x360,480x272,320x176 4:3 : 960x720,800x592,640x480,480x352,320x240				
DCS-4201	H.264, MJPEG		16:9 : 1280x720,800x448,640x360,480x272,320x176 4:3 : 960x720,800x592,640x480,480x352,320x240	1~30	same as stream2	same as stream2	1~5
DCS-4622	H.264 MJPEG		1920x1536~640x512	1~25	H.264	1280x1024	7
DCS-6511	MJPEG,MPEG4,H.264		1280x720~176x144	30,15,7,4,1	MJPEG,MPEG4,H.264	1280x720~176x144	30,15,7,4,1
DCS-6210	MJPEG,MPEG4,H.264		aspectratio =4:3 1440x1080~176x144 aspectratio =16:9 1920x1080~176x144	30,15,7,4,1	MJPEG,MPEG4,H.264	aspectratio =4:3 1440x1080~176x144 aspectratio =16:9 1920x1080~176x144	30,15,7,4,1
DCS-2136L	MJPEG,MPEG4,H.264		aspectratio =16:9 1280x720~320x176 aspectratio =4:3 1024x768~320x240	30,15,7,4,1	MJPEG,MPEG4,H.264	aspectratio =16:9 1280x720~320x176 aspectratio =4:3 1024x768~320x240	30,15,7,4,1
DCS-3716	MJPEG,MPEG4,H.264		aspectratio =16:9 1280x720~320x176 aspectratio =4:3 1024x768~320x240	30,15,7,4,1	MJPEG,MPEG4,H.264	aspectratio =16:9 1280x720~320x176 aspectratio =4:3 1024x768~320x240	30,15,7,4,1
DCS-6210	MJPEG,MPEG4,H.264		aspectratio =4:3	30,15,7,4,1	MJPEG,MPEG4,H.264	aspectratio =4:3	30,15,7,4,1

		4	1440x1080 ~176x144 aspectratio =16:9 1920x1080 ~176x144			1440x1080 ~176x144 aspectratio =16:9 1920x1080 ~176x144	
	DCS-6115	MJPEG,MP EG4,H.26 4	aspectratio =4:3 1024x768~ 320x240 aspectratio =16:9 1280x720~ 320x176	30,15,7,4, 1	MJPEG,MPE G4,H.264	aspectratio =4:3 1024x768~ 320x240 aspectratio =16:9 1280x720~ 320x176	30,15, 7,4,1
	DCS-6315	MJPEG,MP EG4,H.26 4	aspectratio =4:3 1024x768~ 320x240 aspectratio =16:9 1280x720~ 320x176	30,15,7,4, 1	MJPEG,MPE G4,H.264	aspectratio =4:3 1024x768~ 320x240 aspectratio =16:9 1280x720~ 320x176	30,15, 7,4,1
	DCS-7517 DCS-6517	H.26 4, MJPEG	aspectratio =16:9 1280x720, 960x540,6 40x360 aspectratio =4:3 1280x960, 800x600,6 40x480	aspectratio=16:9 1,2,3,5,8, 10,15,20, 25,30 aspectratio=4:3 1,2,3,5,8, 10,15	H.264, MJPEG	aspectratio =16:9 960x540,6 40x360 aspectratio :4:3 800x600,6 40x480,32 0x240	aspectratio=1 6:9 1,2,3,5 ,8,10,1 5,20,2 5,30 aspectratio=4 :3 1,2,3,5 ,8,10,1 5
	DCS-2330L	H.264, MJPEG	aspectratio =16:9 1280x720, 800x448,6 40x360,48 0x272,320x 176 aspectratio =4:3 960x720,8 00x592,64 0x480,480x 352,320x2 40	30,15,7,4, 1	H.264, MJPEG	aspectratio =16:9 1280x720, 800x448,6 40x360,48 0x272,320x 176 aspectratio =4:3 960x720,8 00x592,64 0x480,480x 352,320x2 40	30,15, 7,4,1
	DCS-2132LB DCS-2103B1	MJPEG, H.264	aspectratio =16:9 1280x720~ 320x176 aspectratio =4:3	30,15,7,4, 1	MJPEG, H.264	aspectratio =16:9 1280x720~ 320x176 aspectratio =4:3	30,15, 7,4,1

			960x720~3 20x240			960x720~3 20x240	
	DCS-6116	H.264/ MJPEG	1280x720, 1024x768, 800x600,7 20x576,64 0x480, 352x288	1~30	H.264/ MJPEG	1280x720, 800x600, 720x576,6 40x480, 352x288	1~30
	DCS-2103	H.264/ MJPEG/ MPEG4	1280x800, 1280x720, 800x450, 640x360, 480x270, 320x176, 176x144	1~30	H.264/ MJPEG/ MPEG4	1280x800, 1280x720, 800x450, 640x360, 480x270, 320x176, 176x144	1~30
	DCS-6510	H.264/ MJPEG/ MPEG4	640x480, 320x240, 160x120	1~30	H.264/MJP EG/MPEG4	640x480, 320x240, 160x120	1~30
	DCS-936L	H.264	640x352~3 20x176	10~30	MJPEG	1280x720~ 320x176	1~30
	DCS-960L	MJPEG	1280x720~ 320x240	1~30	H.264	1280x720~ 320x240	1~30
D-LinkCN	DCS-4721	H.264/MJ PEG	1920x1080 , 1280x720, 640x480, 320x240, 176x144	5~10,10, 15,20,25, 30	Same as stream2	Same as stream2	Same as stream 2

### 3. NVRmini2/NVRsolo/Titan NVR/Crystal™

#### b. Stream profile (updated)

- Original
- Low: default H.264, under 500kbps; designed for mobile client single-view
- Minimum: default H.264, under 100 kbps; designed for mobile client multi-view

Brand/ Series	Cameras	Low Profile			Minimum Profile		
		Format	Resolution	Framerate	Format	Resolution	Frame rate
Dlink	DCS-1201 DCS-4701E	H.264	QVGA/320x 176	10~15	H.264	QVGA/320 x176	0.5~5
	DCS-3511	H.264	640x400	5~15	H.264	640x400	0.1~2
	DCS-6010L	H.264	400x300	10~15	H.264	400x300	0.5~5
	DCS-7110B 1	H.264	640x480/6 40x360	4	H.264	640x480/ 640x360	1
	DCS-4201 DCS-6513 DCS-7517 DCS-7518 DCS-6515	H.264	640x480	10~15	H.264	640x480	0.5~5
	DCS-6116	H.264	640x480~3 52x288	10~15	H.264	640x480~ 352x288	0.1~7
	DCS-7110A 3	H.264	QVGA/320x 176	10~15	H.264	QVGA/320 x176	0.5~5

DCS-2230L DCS-2210L	H.264	480x270	10~15	H.264	480x270	1~10
DCS-3112 DCS-2132L B1 DCS-2103B 1 DCS-5222L B1 DCS-5222L B2 DCS-6212L	H.264	480x272/4 80x352	10~15	H.264	480x272/ 480x352	0.5~5
DCS-2103, DCS-2130	H.264	QVGA/320x 176	7	H.264	QVGA/320 x176	1~7
DCS-2310L	MJPEG	QVGA/320x 176	10~15	MJPEG	QVGA/320 x176	0.5~5
DCS-2630L DCS-960L	MJPEG	QVGA/320x 176	5	MJPEG	QVGA/320 x176	1
DCS-7413B 1	H.264	QVGA/320x 176	6~8	H.264	QVGA/320 x176	1~10
DCS-2132L B1 DCS-2330L	H.264	480x272/4 80x352	10~15	H.264	480x272/ 480x352	0.5~5
DCS-5615	H.264	384x216	10~15	H.264	384x216	0.5~5
DCS-942LB 1 DCS-942LB	H.264	320x176	10~15	H.264	320x176	0.5~5
DCS-3714	MJPEG	QVGA/320x 176	5~15	MJPEG	1~3	QVGA/3 20x176
DCS-2332	H.264	QVGA/320x 176	10~15	H.264	0.5~5	QVGA/3 20x176
DCS-2310L B1	H.264	480x272/4 80x352	10~15	H.264	480x272/ 480x352	0.5~5
DCS-6517 DCS-7517	H.264	QCIF/320x 176	10~15	H.264	QCIF/320 x176	0.5~5
DCS-935L	H.264 or MJPEG	320x240	10~15	H.264	320x240	0.5~5
DCS-5222L B1 DCS-522LB	H.264	480x272/4 80x352	15	H.264	0.5~5	480x272 /480x35 2
DCS-3714	H.264	480x360/4 80x270	10~15	H.264	1~10	480x360 /480x27 0
DCS-4622	MJPEG	640x512	4	MJPEG	640x512	1
DCS-6045L DCS-930LB DCS-932LB	MJPEG	160x122~1 280x720	0.1~10	MJPEG	0.1~10	160x12 2~1280 x720
DCS-6045L DCS-5030L	MJPEG	320x240~1 280x720	0.1~10	MJPEG	320x240~ 1280x720	0.1~10
DCS-6112 DCS-6113 DCS-6112B 1 DCS-6113B	MJPEG	CIF	5~8	MJPEG	CIF	1~2

	1 DCS-6113V B1 DCS-7010L						
	DCS-6511	H.264	VGA/640x360	10~15	H.264	VGA/640x360	5~10
	DCS-6116	H.264	720x576~352x288	10~15	H.264	720x576~352x288	0.5~5
	DCS-6915B1	MJPEG	352x240	5~8	MJPEG	352x240	1~2
	DCS-7010L	MJPEG	CIF	5~8	MJPEG	CIF	1~2
	DCS-H70-21D/M	H.264 or MJPEG	CIF~FullHD	1~30	H.264 or MJPEG	CIF~FullHD	1~30
	DCS-1301	H.264	640x360/640x480	10~15	H.264	640x360/640x480	1~10
	DCS-4602EV DCS-4802E	H.264	VGA	10~15	H.264	VGA	1~10
	DCS-4701E DCS-5029L	MJPEG	640x480/640x360	4	MJPEG	640x480/640x360	1
	DCS-4201	H.264	VGA	10~15	H.264	VGA	1~10
	DCS-7010L	H.264	640x360/640x480	10~15	H.264	640x360/640x480	0.5~5
	DCS-3716	H.264	QVGA	10~15	H.264	QVGA	0.5~5
	DCS-930LB1 DCS-932LB1	Same as stream1	Same as stream1	0.1~10	Same as stream1	Same as stream1	0.1~10
	DCS-936L	H.264	QVGA/320x176	10~15	MJPEG	QVGA/320x176	0.5~5
DlinkCN	DCS-4721	H.264	VGA	0.1~10	H.264	VGA	0.1~10
	DCS-H50-21D DCS-H50-21D/S DCS-H30-51D/S DCS-H70-21D/SA1 DCS-H70-21D/SM1 DCS-H41-11D/SI DCS-H41-11D/SO DCS-H42-21D/SA DCS-H42-21D/SM	H.264	720x480	15	H.264	352x240	0.5~2
	DCS-V70M-21H	H.264	QVGA	3~5	MPEG4	QCIF	3~5

DCS-V40M-32H DCS-N40M-32H2 DCS-V40M-33H DCS-N40M-33H2 DCS-N70M-20H2 DCS-V70M-20H DCS-N70M-21H2 DCS-V70M-50H DCS-N70M-50H2 DCS-V30M-50H DCS-V30M-51H DCS-N20M-10H2 DCS-N30M-51H2 DCS-N40M-53H2 DCS-V70M-21H2, DCS-V40M-12H, DCS-N70M-21H3, DCS-V70M-11H, DCS-N40M-22H3, DCS-V40M-32H2, DCS-N31M-21H3							
Generic NA083 NH820-20N8 NH720-20N8	MJPEG or H.264	CIF~FullHD	1~30	MJPEG or H.264	CIF~FullHD	1~30	

**c. Stream profile (updated)**

- Original
- Low: default JPEG, under 500kbps; designed for mobile client single-view
- Minimum: default JPEG, under 100 kbps; designed for mobile client multi-view



Brand/Series	Cameras	Low Profile		Minimum Profile		
		Resolution	Framerate	Resolution	Framerate	
D-Link	DCS-2210 DCS-2230 DCS-6314	640x480/640x360	4	640x480/640x360	1	
	DCS-4603 DCS-4703E	MJPEG	640x480/ 640x360	10~15	MJPEG	
	DCS-7513 DCS-3112 DCS-2310L	CIF	2~5	CIF	1~2	
	DCS-5605 DCS-5605 DCS-7110 DCS-6915 DCS-6210	CIF	5~8	CIF	1~2	
	DCS-932L DCS-5020L DCS-5010L	QVGA~VGA	0.1~10	QVGA~VGA	0.1~10	
	DCS-6004L DCS-6005L	QVGA/320x176	10 ~ 15	QVGA/320x176	0.5 ~ 5	
	DCS-6511 DCS-7413 DCS-6315 Super Model	QVGA/320x176	5~8	QVGA/320x176	1~2	
	DCS-2332L	640x480/640x360	4	640x480/640x360	1	
	DCS-3010	QVGA/320x240	5~8	QVGA/320x240	1~2	
	DCS-6915	352x240	5~8	352x240	1~2	
	DCS-2132LB1 DCS-2132LB	480x272/480x352	10~15	480x272/480x352	0.5~5	
	DCS-3714	480x380/480x270	10~15	480x380/480x270	1~10	
	DCS-6113B1	CIF	5~8	CIF	1~2	
	DCS-6511 DCS-6210 DCS-2136L DCS-3716 DCS-6115 DCS-6315 DCS-7517 DCS-2330L DCS-2132LB DCS-3715 DCS-6517 DCS-2103B1 DCS-6116 DCS-2103 DCS-6510	640x480/640x360	4	640x480/640x360	1	
	DlinkCN	DCS-N62-40H2	352x240	5~8	352x240	1~2
		DCS-N40M-81H3 DCS-V30M-51H2 DCS-N31M-21H3	QVGA	5~8	QVGA	1~2

	DCS-V40M-32H2 DCS-V40M-12H DCS-N40M-22H3 DCS-V70M-11H DCS-V70M-21H2				
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**d. Stream profile (updated)**

- Original
- Low: default JPEG, under 300kbps; designed for mobile client single-view
- Minimum: default JPEG, under 100 kbps; designed for mobile client multi-view

Brand/Series	Cameras	Low Profile		Minimum Profile	
		Resolution	Framerate	Resolution	Framerate
D-Link	DCS-2130 DCS-3716	CIF	2~5	CIF	1~2