

PEOPLE COUNTING CAMERA HDS-6412WDR/C





Key Features

- Up to 1.3 megapixel (1280 × 960) @ 30 fps resolution
- Seperated structure design between lens and body, 2m or 8m length connecting cable is optional
- H.264 High Profile encoding, Full HD 960p @ 30fps
- ROI (Region of Interest) encoding
- Progressive scan CMOS
- Support three streams, main stream and third stream up to 1.3MP, sub-stream for mobile surveillance
- Built-in Micro SD / SDHC / SDXC card slot, up to 64GB
- Support 3D DNR
- Support WDR, up to 120dB
- Support people counting, visitor amount data can be displayed, stored or exported as excel (with SD card/NAS/Platform) according to day/week/month/year
- Support Audio Exception Detection, alarm will be triggered as the sound intensity is abnormal
- Support Smart Video Analysis functions such as Intrusion Detection, which can be configured on the local IE menu of camera.
- Support Defog and EIS
- Up to 20 channels live view at the same time
- Auto-iris, electronic shutter, rotate mode for different surveillance environments
- Other functions: IP address filtering, anonymous access, PTZ control, alarm, reset button, mirror, etc.

Scenarios

Bank hall, station hall and entrance/exit of enterprise, supermarket that with large visitor flow.

Installation

Vertical installation is required to ensure the accuracy of visitor flow accounting. The following data is for reference. Please consult our technique for details.

Height (m)	Recommended Focus (mm)	Width of Gate (m)
2. 6	2. 1	2. 0
2. 8	2. 1	2. 2
3. 0	2. 1	2. 4
3. 5	2. 1	2. 6



3. 8	2. 8	2. 4
4. 2	2. 8	2. 6
4. 5	2. 8	2. 6
5. 0	2. 8	2. 6

Specification

Camera	Model	HDS-6412WDR/C
Image Sensor	Parameter	1.3 Megapixel 1/3" WDR Convert Network Camera
Min. Illumination	Camera	
## B/W: 0.001lux @(F1.2, AGC ON) , 0.0028lux @(F2.0, AGC ON) Shutter Speed	Image Sensor	1/3" Progressive Scan CMOS
B/W: 0.001lux @(F1.2, AGC ON), 0.0028lux @(F2.0, AGC ON) Shutter Speed 1/1 to 1/100,000 sec Slow shutter Angle of View: Lens 115°(2.1mm), F2.2 92.5°(2.8mm), F2.0 Day & Night Electronic Digital Noise Reduction Wide Dynamic Range Length of Lens Cable Compression Standard Video Compression H.264 / MPEG4 / MJPEG H.264 Compression Baseline Profile / Main Profile / High Profile Type Video Bit Rate 32kbps~16Mbps Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution Frame Rate(main SOHz: 25fps (1280 × 960), 30fps (1280 × 720) Sub Stream (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) Image Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	NAin Illiumination	Color: 0.01lux @(F1.2, AGC ON), 0.028lux @(F2.0, AGC ON)
Slow shutter Angle of View: Angle of View: 115°(2.1mm), F2.2 92.5°(2.8mm), F2.0 Day & Night Electronic Digital Noise Reduction Wide Dynamic Range Length of Lens Coble Compression Standard Video Compression H.264 / MPEG4 / MJPEG H.264 Compression Baseline Profile / Main Profile / High Profile Type Video Bit Rate Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution Frame Rate(main stream) 60Hz: 30fps (1280 × 960) Sub Stream (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) finage Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	wiiii. iiiuiiiiiatioii	B/W: 0.001lux @(F1.2, AGC ON) , 0.0028lux @(F2.0, AGC ON)
Angle of View:	Shutter Speed	1/1 to 1/100,000 sec
Lens 115°(2.1mm), F2.2 92.5°(2.8mm), F2.0 Day & Night Electronic Digital Noise Reduction Wide Dynamic Range Length of Lens Cable Compression Standard Video Compression H.264 / MPEG4 / MJPEG H.264 Compression Baseline Profile / Main Profile / High Profile Type Video Bit Rate 32Kbps~16Mbps Audio Compression G-711/G-722.1/G-726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution 1280 × 960 Frame Rate(main 50Hz: 25fps (1280 × 960), 30fps (1280 × 720) Sub Stream (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) Image Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Slow shutter	Support
Day & Night Electronic Digital Noise Reduction Wide Dynamic Range Length of Lens Cable Compression Standard Video Compression H.264 / MPEG4 / MJPEG H.264 Compression Baseline Profile / Main Profile / High Profile Type Video Bit Rate J32Kbps~16Mbps Audio Compression Audio Compression Audio Compression Audio Bit Rate Audio Compression Audio Compression Audio Bit Rate Audio B		Angle of View:
Day & Night Digital Noise Reduction Wide Dynamic Range Length of Lens Cable Compression Standard Video Compression H.264 / MPEG4 / MJPEG H.264 Compression Baseline Profile / Main Profile / High Profile Type Video Bit Rate Audio Compression G-711/G-722.1/G.726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution Frame Rate(main stream) S0Hz: 25fps (1280 × 960), 25fps (1280 × 720) Sub Stream G-71rd Stream Audio Stream G-71rd Stream Audio Stream and Sub Stream, up to Audio Stream Audio Stre	Lens	115°(2.1mm), F2.2
Digital Noise Reduction Wide Dynamic Range Length of Lens Cable Compression Standard Video Compression H.264 / MPEG4 / MJPEG H.264 Compression Baseline Profile / Main Profile / High Profile Type Video Bit Rate 32Kbps~16Mbps Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution 1280 × 960 Frame Rate(main SOHz: 25fps (1280 × 960), 25fps (1280 × 720) Sub Stream (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) Image Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable		92.5°(2.8mm), F2.0
Reduction Wide Dynamic Range Length of Lens Cable Compression Standard Video Compression H.264 / MPEG4 / MJPEG H.264 Compression Baseline Profile / Main Profile / High Profile Type Video Bit Rate 32Kbps~16Mbps Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution 1280 × 960 Frame Rate(main SOHz: 25fps (1280 × 960), 25fps (1280 × 720) Sub Stream (ACIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 30fps (1280 × 960) Third Stream Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Day & Night	Electronic
Reduction Wide Dynamic Range Length of Lens Cable Compression Standard Video Compression H.264 / MPEG4 / MJPEG H.264 Compression H.264 Compression Baseline Profile / Main Profile / High Profile Type Video Bit Rate 32Kbps~16Mbps Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution Frame Rate(main SOHz: 25fps (1280 × 960) Stream GHZ: 30fps (1280 × 960) Sub Stream GHZ: 25fps(1280 × 960) GHZ: 30fps (1280 × 960) GHZ: 30fps (1280 × 960) Frame Rate(main SOHz: 25fps(1280 × 960) Sub Stream Rotate Main Stream and Sub Stream, up to SOHZ: 25fps(1280 × 960) GOHZ: 30fps (1280 × 960) Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Digital Noise	3D DNB
Range Length of Lens Cable Compression Standard Video Compression H.264 / MPEG4 / MJPEG H.264 Compression Baseline Profile / Main Profile / High Profile Type Video Bit Rate 32Kbps~16Mbps Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution Frame Rate(main 50Hz: 25fps (1280 × 960), 25fps (1280 × 720) stream) Sub Stream (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) G0Hz: 30fps (1280 × 960) Image Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Reduction	אוט טכ
Range Length of Lens Cable Compression Standard Video Compression H.264 / MPEG4 / MJPEG H.264 Compression Baseline Profile / Main Profile / High Profile Type Video Bit Rate 32Kbps~16Mbps Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution Frame Rate(main 50Hz: 25fps (1280 × 960), 25fps (1280 × 720) stream) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720) Sub Stream Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) Chird Stream Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Wide Dynamic	120dB
Cable Compression Standard Video Compression H.264 / MPEG4 / MJPEG H.264 Compression Baseline Profile / Main Profile / High Profile Type Video Bit Rate 32Kbps~16Mbps Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution 1280 × 960 Frame Rate(main 50Hz: 25fps (1280 × 960), 25fps (1280 × 720) stream) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720) Sub Stream (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) 60Hz: 30fps (1280 × 960) Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Range	12005
Cable Compression Standard Video Compression H.264 / MPEG4 / MJPEG H.264 Compression Baseline Profile / Main Profile / High Profile Type Video Bit Rate 32Kbps~16Mbps Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution 1280 × 960 Frame Rate(main 50Hz: 25fps (1280 × 960), 25fps (1280 × 720) stream) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720) Sub Stream (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to Third Stream 50Hz: 25fps(1280 × 960) 60Hz: 30fps (1280 × 960) 10Hage Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustables)	Length of Lens	Ontional 2m or 8m
Video CompressionH.264 / MPEG4 / MJPEGH.264 CompressionBaseline Profile / Main Profile / High ProfileTypeVideo Bit Rate32Kbps~16MbpsAudio CompressionG.711/G.722.1/G.726/MP2L2Audio Bit Rate64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)ImageMax. Resolution1280 × 960Frame Rate(main50Hz: 25fps (1280 × 960), 25fps (1280 × 720)stream)60Hz: 30fps (1280 × 960), 30fps (1280 × 720)Sub Stream(4CIF, CIF, VGA)@25/30fpsIndependent with Main Stream and Sub Stream, up toThird Stream50Hz: 25fps(1280 × 960) 60Hz: 30fps (1280 × 960)Image SettingsRotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Cable	Optional 2111 of offi
H.264 Compression Type Video Bit Rate 32Kbps~16Mbps Audio Compression Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution Frame Rate(main 50Hz: 25fps (1280 × 960), 25fps (1280 × 720) stream) 60Hz: 30fps (1280 × 960) Third Stream Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) 60Hz: 30fps (1280 × 960) 60Hz: 30fps (1280 × 960) Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Compression Standar	d
Type Video Bit Rate Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution 1280 × 960 Frame Rate(main 50Hz: 25fps (1280 × 960), 25fps (1280 × 720) stream) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720) Sub Stream (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) 60Hz: 30fps (1280 × 960) Image Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Video Compression	H.264 / MPEG4 / MJPEG
Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution Frame Rate(main 50Hz: 25fps (1280 × 960), 25fps (1280 × 720) stream) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720) Sub Stream (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) Third Stream Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	H.264 Compression	Baseline Profile / Main Profile / High Profile
Audio Compression G.711/G.722.1/G.726/MP2L2 Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution 1280 × 960 Frame Rate(main 50Hz: 25fps (1280 × 960), 25fps (1280 × 720) stream) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720) Sub Stream (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) Third Stream 60Hz: 30fps (1280 × 960) Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Туре	
Audio Bit Rate 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) Image Max. Resolution 1280 × 960 Frame Rate(main 50Hz: 25fps (1280 × 960), 25fps (1280 × 720) stream) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720) Sub Stream (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) 60Hz: 30fps (1280 × 960) Image Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Video Bit Rate	32Kbps~16Mbps
ImageMax. Resolution1280 × 960Frame Rate(main50Hz: 25fps (1280 × 960), 25fps (1280 × 720)stream)60Hz: 30fps (1280 × 960), 30fps (1280 × 720)Sub Stream(4CIF, CIF, VGA)@25/30fpsIndependent with Main Stream and Sub Stream, up to50Hz: 25fps(1280 × 960)60Hz: 30fps (1280 × 960)Image SettingsRotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Audio Compression	G.711/G.722.1/G.726/MP2L2
Max. Resolution 1280 × 960 Frame Rate(main 50Hz: 25fps (1280 × 960), 25fps (1280 × 720) stream) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720) Sub Stream (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) 60Hz: 30fps (1280 × 960) Image Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Audio Bit Rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Frame Rate(main 50Hz: 25fps (1280 × 960), 25fps (1280 × 720) stream) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720) Sub Stream (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) 60Hz: 30fps (1280 × 960) Image Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Image	
stream) 60Hz: 30fps (1280 × 960), 30fps (1280 × 720) (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) 60Hz: 30fps (1280 × 960) Image Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Max. Resolution	1280 × 960
Sub Stream (4CIF, CIF, VGA)@25/30fps Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(1280 × 960) 60Hz: 30fps (1280 × 960) Image Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Frame Rate(main	50Hz: 25fps (1280 × 960), 25fps (1280 × 720)
Independent with Main Stream and Sub Stream, up to 50 Hz: 25 fps(1280×960) 60 Hz: 30 fps (1280×960) Image Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	stream)	60Hz: 30fps (1280 × 960), 30fps (1280 × 720)
Third Stream 50 Hz: 25 fps(1280×960) 60 Hz: 30 fps (1280×960) Image Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Sub Stream	(4CIF, CIF, VGA)@25/30fps
60Hz: 30fps (1280 × 960) Image Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable		Independent with Main Stream and Sub Stream, up to
Image Settings Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable	Third Stream	· ·
		60Hz: 30fps (1280 × 960)
Backlight Yes, zone optional	Image Settings	Rotate mode, saturation, brightness, contrast, sharpness and gray scale adjustable
	Backlight	Yes, zone optional



Compensation		
Defog	Support	
EIS	Support	
Highlight Compensation	Support	
Day / Night mode	Auto / Timing / Alarm trigger	
Image Overlay	Support 128 × 128 size BMP with 24-bit depth image overlay, zone optional	
ROI	ROI support 4 fixed zones or dynamic tracking configuration in any of three streams	
Network		
Network Storage	Support Micro SD/SDHC/SDXC slot, up to 64GB Edge recording, NAS (NFS,SMB/CIFS)	
Alarm Trigger	Intrusion detection, audio exception detection, defocus detection motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error	
People Counting	Visitor amount data can be stored or exported as excel (with SD card/NAS/Platform)	
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour	
Standard	ONVIF, PSIA, CGI, ISAPI	
Common features	Reset, flickerless, three streams, heartbeat, mirror, password protection, video masking, watermark, anonymous login, IP address filtering	
Interface		
Audio Interface	1 3.5mm audio input (Mic in / Line in) / output external interface	
Communication Interface	1 RJ45 10M/100M Ethernet interface/1 RS232/1 RS-485	
Alarm Input	1	
Alarm Output	1	
General		
Working temperature and	-30 °C – 60 °C (-22 °F – 140 °F) Humidity 95% or less (non-condensing)	
humidity	12 V DC ± 10%	
Power Supply Power	12 V DC ± 10% Max. 6.5 W	
rowei	Main body: 107.6×78×33.5mm;	
Dimensions (mm)	Lens: 48.7×30.7×31.5mm;	
Weight	Соver: Ф95 x 31.5mm	



Order model

HDS-6412WDR/C

Dimensions





