

Full HD WDR series



DS-2CD7254FWD-E(I)Z
3MP Outdoor Dome

DS-2CD754FWD-E(I)
3MP Indoor Dome



DS-2CD8254FWD-EI
3MP IR Bullet Camera

DS-2CD854FWD-E(W)
3MP Box Camera

HD in anywhere, any Light and any Time

The Full HD WDR series network cameras from Hikvision with industrial-class WDR capabilities, high performance 3D Digital Noise Reduction, and various form offerings, deliver excellent Full HD1080p image quality for both indoor and outdoor environments without any concerns of surrounding light interference.

» Advanced WDR technology

With super high dynamic range (120dB), Hikvision's unique WDR technology brings out the cameras the powerful light handling ability in producing crystal-clear images even under extreme strong backlight conditions.



WDR Off



WDR On

» Hikvision 3D DNR

By taking advantage of Hikvision advanced ISP (Imaging Signal Processing) technology, Full HD WDR series cameras are able to deliver crystal-clear image quality in low light conditions without any "Noising" interference.



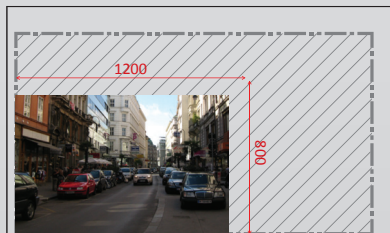
3D DNR Off



3D DNR On

» Full HD1080p real-time video

Featuring Full HD1080p video output in Full HD WDR camera line-up is an undoubtedly trend in today's IP camera industry. Wider FoV, finer image details, Full HD1080p feature is the best choice for live video display on your surveillance monitor.

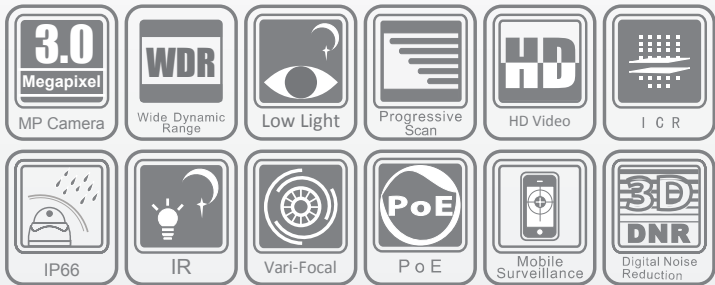


Conventional Camera



HD720p Camera

Full HD WDR series 3MP Network Camera



- 2048 x 1536 high resolution
- Full HD1080p video
- IR LEDs (Dome and Bullet)
- 120dB WDR
- 3D digital noise reduction
- Motorized VF lens (Dome and Bullet)
- IP66 protection

Model	DS-2CD854FWD-E(W)	DS-2CD754FWD-E(I)(Z)	DS-2CD7254FWD-E(I)(Z)(H)	DS-2CD8254FWD-E(I)(Z)
Camera				
Image sensor	1/3" Progressive Scan CMOS		1/2.5" Progressive Scan CMOS	
Min. illumination	Color: 0.1lux/F1.2 B/W: 0.01lux/F1.2	0.1lux/F1.2 0 lux with IR		
Shutter time	1/25s ~ 1/100,000s			
Lens	C/CS mount, DC drive	2.7 ~ 9mm/F1.6, angle of view: 101° ~ 30.4°, Φ14 mount, DC drive		
Day & night	ICR	Electronic (-I: ICR)		ICR
Wide dynamic range	120 dB			
Digital noise reduction	3D DNR			
Compression Standard				
Video compression	H.264 / MPEG4 / MJPEG			
Bit rate	32 Kbps ~ 16 Mbps			
Audio compression	G.711 / G.726		n/a	
Dual stream	Yes			
Image				
Max. image resolution	2048 x 1536			
Frame rate	50 Hz: 12.5fps (2048 x 1536), 25fps (1920 x 1080) 60 Hz: 15fps (2048 x 1536), 30fps (1920 x 1080)			
Image settings	Saturation, brightness, contrast adjustable by client software or web browser.			
Network				
Network storage	NAS (iSCSI optional)			
Alarm trigger	Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception			
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, FTP, 802.1x, QoS, HTTPS (SIP,SRTP,IPv6 optional)			
Security	User authentication, watermark			
System compatibility	ONVIF, PSIA, CGI			
Interface				
Communication interface	1 RJ45 10/100Mb Ethernet interface			
Audio I/O	1/1		n/a	
Alarm I/O	1/1	2/2	n/a	
On-board storage	Built-in SD/SDHC card slot, up to 32 GB			n/a
General				
Operating conditions	-10 °C ~ 60 °C (14 °F ~ 140 °F), humidity 90% or less (non-condensing) -H: -40 °C ~ 60 °C (-40 °F ~ 140 °F) with heater and fan on			
Power supply	12V DC, PoE (802.3af)		24VAC, PoE (802.3af)	12V DC, PoE (802.3af)
Power consumption	5.5W ~ 10.5W		9W ~ 24W	9.5W ~ 12W
Weather proof rating	n/a		IP66	
IR range	n/a	-I: 10 ~ 20m	-I: 20 ~ 30m	
Dimensions	68 x 64.9 x 144.8 mm (2.67 x 2.55 x 5.7 inch)	Φ 140 x 114 mm (Φ5.51 x 4.49 inch)	Φ 159.8 x 146 mm (Φ6.29 x 5.75 inch)	98 x 88.58 x 328.79 mm (3.86 x 3.49 x 12.94 inch)
Weight	500 g(1.1 lb)	1,400 g(3.09 lb)	2,100 g(4.63 lb)	1,700 g(3.75 lb)
* -W: Wi-fi optional * -I: IR LEDs, ICR optional * -Z: motorized VF lens optional * -H: built-in heater & fan optional				

Accessories



TV0309D-MPIR
IR Mega-pixel lens
3~9mm Vari-focal



TV2712D-MPIR
IR Mega-pixel lens
2.7~12mm Vari-focal



DS-1212ZJ
(Indoor wall mount)



DS-1213ZJ
(Indoor/Outdoor Wall Mount)



DS-1227ZJ
(Indoor in-ceiling mount)



DS-1229ZJ
(Vandal-proof wall mount)



DS-1320HZ
(Indoor camera housing)



DS-1311/2/3HZ
(Indoor/Outdoor camera housing)



iVMS-4200
Client Software



iVMS-4500
Mobile Client Software

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3MP Outdoor IR Bullet Camera

DS-2CD7254FWD-E(I)(Z)(H)
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