Network Camera - Smart Series

Outdoor Bullet

Model	DS-2CD4212F-IZS	DS-2CD4212FWD-IZS	DS-2CD4224F-IZS	DS-2CD4232FWD-IZS	DS-2CD4A20F-IZS	DS-2CD4A25FWD-IZHS	DS-2CD4A25FWD-IZHS	DS-2CD4A26FWD-IZHS
	1.3 MP	1.3 MP	2 MP	3.0 MP	2.0 MP	LightFighter 2.0 MP	LightFighter 2.0 MP	DarkFighter 2.0 MP
Image Sensor	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Min. Illumination (lux)	Color: 0.014 lux @ ƒ/1.4 B/W: 0 lux with IR	Color: 0.014 lux @ ƒ/1.4 B/W: 0 lux with IR	Color: 0.014 @ ƒ/1.4 B/W: 0 with IR	Color: 0.14 @ ƒ/1.4 B/W: 0 with IR	Color: 0.01@ ƒ/1.2 B/W: 0 with IR	Color: 0.005@ ƒ/1.2 B/W: 0 with IR	Color: 0.005@ ƒ/1.2 B/W: 0 with IR	Color: 0.002 @ ƒ/1.2 B/W: 0 with IR
Lens	Motorized zoom 2.8 to 12 mm @ ƒ/1.4, autofocus	Motorized zoom 2.8 to 12 mm @ ƒ/1.4, autofocus	Motorized zoom 2.8 to 12 mm @ ƒ/1.4, autofocus	Motorized zoom 2.8 to 12 mm @ ƒ/1.4, autofocus	2.8 to 12 mm @ ƒ/1.4, autofocus	2.8 to 12 mm @ ƒ/1.4, autofocus	8 to 32 mm @ ƒ/1.4, autofocus	2.8 to 12 mm @ ƒ/1.4, autofocus
Horizontal Angle of View	98.4° to 30.2°	98.4° to 30.2°	113° to 33.8°	91.2° to 28.3°	113° to 33.8°	113° to 33.8°	31.2° to 10.16°	92° to 32°
Pan/Tilt/Rotation	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning	3-Axis Positioning
Day/Night	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
BLC/WDR	Yes/Digital	Yes/120 dB	Yes/Digital	Yes/120 dB	Yes/Digital	Yes/140 dB	Yes/140 dB	Yes/120 dB
IR Range (meters)	Up to 30 meters	Up to 30	Up to 30	Up to 30	Up to 30	Up to 50	Up to 50	Up to 50
Video Compression	H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MPEG4/MJPEG
Max. Image Resolution (pixels)	1280 x 1024	1280 x 960	1920 x 1080	2048 x 1536	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Frame Rate (fps)	25 @ 1280 x 1024, 1280 x 960 50 @ 1280 x 720	25 @ 1280 x 960 50 @ 1280 x 720	25 @ 1920 x 1080, 1280 x 960, 1280 x 720	20 @ 2048 × 1536 25 @ 1920 × 1080, 1280 × 720	25 @ 1920 × 1080, 1280 × 960, 1280 × 720	50 @ 1920 × 1080, 1280 × 960, 1280 × 720	50 @ 1920 × 1080, 1280 × 960, 1280 × 720	25 @ 1920 × 1080, 1280 × 960, 1280 × 720
Multi-Streaming	Triple	Triple	Triple	Triple	Triple	Triple	Triple	Triple
Smart Features	Full Smart Suite[1]	Full Smart Suite[1]	Full Smart Suite[1]	Full Smart Suite[1]	Full Smart Suite[1]	Full Smart Suite[1]	Full Smart Suite[1]	Full Smart Suite[1]
Audio Input/Output	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line
Alarm Input/Output	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Local Storage	MicroSD, 128 GB max.[3]	MicroSD, 128 GB max.[3]	MicroSD, 128 GB max.[3]	MicroSD, 128 GB max.[3]	MicroSD, 128 GB max.[3]	MicroSD, 128 GB max.[3]	MicroSD, 128 GB max.[3]	MicroSD, 128 GB max.[3]
Other features	IP66 Smart Focus	IP66 Smart Focus	IP66 Smart Focus	IP66 Smart Focus	IP67, Smart Focus Built-in heater, Support LPR	IP67, Smart Focus Built-in heater, Support LPR	IP67, Smart Focus Built-in heater, Support LPR	IP67, Smart Focus Built-in heater, Support LPR
Operating Conditions (max.)	-30° C to 60° C, humidity 95% (non-condensing)	-30° C to 60° C, humidity 95% (non-condensing)	-30° C to 60° C, humidity 95% (non-condensing)	-30° C to 60° C, humidity 95% (non-condensing)	-30° C to 60° C, humidity 95% (non-condensing)	-40° C to 60° C, humidity 95% (non-condensing)	-40° C to 60° C, humidity 95% (non-condensing)	-40° C to 60° C, humidity 95% (non-condensing)
Power Requirements (max.)	12 VDC, PoE (802.3af), 12 W	12 VDC, PoE (802.3af), 12 W	12 VDC, PoE (802.3af), 12 W	12 VDC, PoE (802.3af), 12 W	12 VDC, PoE (802.3af), 12 W	12 VDC, PoE (802.3at), 18 W	12 VDC, PoE (802.3at), 18 W	12 VDC, PoE (802.3af), 12 W

[1]**Full Smart Suite:** Line Crossing, Intrusion, Region Entrance, Region Exiting, Unattended Baggage, Object Removal, Scene Change, Sudden Audio Increase/Decrease, Audio Loss, Defocus, Face Detection, Object Counting, Defog
[3]Firmware v 5.3 and later

Network Camera - Smart Series		
Outdoor Bullet (smart IPC)		
DS-2CD4625FWD-IZHS	DS-2CD4626FWD-IZHS	DS-2CD4626FWD-IZHS
Model LightFighter 2.0 MP	DarkFighter 2.0 MP	DarkFighter 2.0 MP
Image Sensor 1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Min. Illumination (lux) Color: 0.005@ ƒ/1.2 B/W: 0 with IR	Color: 0.005@ ƒ/1.2 B/W: 0 with IR	Color: 0.002@ ƒ/1.2 B/W: 0 with IR
Lens Motorized zoom 2.8 to 12 mm @ ƒ/1.4, autofocus	Motorized zoom 2.8 to 12 mm @ ƒ/1.4, autofocus	Motorized zoom 8 to 32 mm @ ƒ/1.4, autofocus
Horizontal Angle of View 113° to 33.8°	92° to 32°	31.2° to 10.2°
Pan/Tilt/Rotation 3-Axis Positioning	3-Axis Positioning	3-Axis Positioning
Day/Night TRUE	TRUE	TRUE
BLC/WDR Yes/140 dB	Yes/120 dB	Yes/120 dB
IR Range (meters) Up to 70	Up to 70	Up to 150
Video Compression H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG
Max. Image Resolution (pixels) 1920 × 1080 up to 50fps	1920 × 1080 up to 50fps	1920 × 1080 up to 50fps
Frame Rate (fps) 50 @ 1920 × 1080, 1280 × 960, 1280 × 720	50 @ 1920 × 1080, 1280 × 960, 1280 × 720	50 @ 1920 × 1080, 1280 × 960, 1280 × 720
Multi-Streaming Triple	Triple	Triple
Smart Features Full Smart Suite[1]	Full Smart Suite[1]	Full Smart Suite[1]
Audio Input/Output IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line	IN: 1 line OUT: 1 line
Alarm Input/Output 1/1	1/1	1/1
Local Storage MicroSD, 128 GB max.[3]	MicroSD, 128 GB max.[3]	MicroSD, 128 GB max.[3]
Other features IP66, Smart Focus Built-in heater, Support LPR	IP66, Smart Focus Built-in heater, Support LPR	IP66, Smart Focus Built-in heater, Support LPR
Operating Conditions (max.) -40° C to 60° C, humidity 95% (non-condensing)	-40° C to 60° C, humidity 95% (non-condensing)	-40° C to 60° C, humidity 95% (non-condensing)
Power Requirements (max.) 24 VAC, PoE+ (802.3at), 24 W	24 VAC PoE+ (802.3at), 24 W	24 VAC PoE+ (802.3at), 24 W

Why Smart IP?

Smart IP brings intelligence, efficiency, and convenience to video surveillance. Enriched with Smart technologies, Hikvision's Smart IP cameras, Smart PTZ Dome cameras, and Smart NVRs are all designed to deliver Smart security in the modern marketplace.

Easily meeting all bandwidth and storage utilization requirements, Hikvision's Smart IP Camera Series offers unparalleled image quality and customer convenience. Similarly, Hikvision's Smart PTZ Dome Camera Series features excellent HD, smooth Pan/Tilt/Zoom, and Smart tracking functions to ensure the elimination of all blind spots within the camera's area of coverage. At the core of this solution is Hikvision's Smart NVR. With the ability to connect all Hikvision Smart cameras together, it simplifies the experience even further. Features such as live viewing, recorded video, Smart video playback, and event playback/backup are available. In addition, the Smart NVR boasts multi-channel recording, HD video preview, massive storage capacity, and system stability, providing an ideal choice for professional surveillance applications.

[1]**Full Smart Suite:** Line Crossing, Intrusion, Region Entrance, Region Exiting, Unattended Baggage, Object Removal, Scene Change, Sudden Audio Increase/Decrease, Audio Loss, Defocus, Face Detection, Object Counting, Defog
[3]Firmware v 5.3 and later