










Network Camera - Smart Series

smart IPC Outdoor Dome									
Model	DS-2CD4312F-IZS	DS-2CD4312F-IZHS	DS-2CD4312FWD-IZS	DS-2CD4324F-IZS	DS-2CD4332FWD-IZS	DS-2CD4525FWD-IZH	DS-2CD4525FWD-IZH	DS-2CD4526FWD-IZH	DS-2CD4535F-IZH
									
	1.3 MP	1.3 MP	1.3 MP	2.0 MP	3.0 MP	LightFighter 2.0 MP	LightFighter 2.0 MP	DarkFighter 2.0 MP	3.0 MP
Image Sensor	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Min. Illumination (lux)	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.014 @ f/1.4 B/W: 0 with IR	Color: 0.14 @ f/1.4 B/W: 0 with IR	Color: 0.007 @ f/1.4 B/W: 0 with IR	Color: 0.007 @ f/1.4 B/W: 0 with IR	Color: 0.0027 @ f/1.4 B/W: 0 with IR	Color: 0.14 @ f/1.4 B/W: 0 with IR
Lens	Motorized zoom 2.8 to 12 mm @ f/1.4, autofocus	Motorized zoom 2.8 to 12 mm @ f/1.4, autofocus	Motorized zoom 2.8 to 12 mm @ f/1.4, autofocus	Motorized zoom 2.8 to 12 mm @ f/1.4, autofocus	2.8 to 12 mm @ f/1.4, autofocus	Motorized zoom 2.8 to 12 mm @ f/1.4, autofocus	Motorized zoom 8 to 32 mm @ f/1.4, autofocus	Motorized zoom 2.8 to 12 mm @ f/1.4, autofocus	Motorized zoom 2.8 to 12 mm @ f/1.4, autofocus
Horizontal Angle of View	98.4° to 30.2°	98.4° to 30.2°	98.4° to 30.2°	113° to 33.8°	91.2° to 28.3°	113° to 33.8°	31.2° to 10.16°	92° to 32°	91.2° to 28.3°
Pan/Tilt/Rotation	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°	0° to 355°/ 0° to 75°/0° to 355°
Day/Night	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
BLC/WDR	Yes/Digital	Yes/Digital	Yes/120 dB	Yes/Digital	Yes/120 dB	Yes/140 dB	Yes/140 dB	Yes/120 dB	Yes/Digital
IR Range (meters)	Up to 30	Up to 30	Up to 30	Up to 30	Up to 30	Up to 40	Up to 50	Up to 40	Up to 30
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	H.264/MPEG4/MJPEG
Max. Image Resolution (pixels)	1280 × 1024	1280 × 1024	1280 × 960	1920 × 1080	2048 × 1536	1920 × 1080	1920 × 1080	1920 × 1080	2048 × 1536
Frame Rate (fps)	25 @ 1280 × 1024, 1280 × 960 50 @ 1280*720	25 @ 1280 × 1024, 1280 × 960 50 @ 1280*720	25 @ 1280 × 960	25 @ 1920 × 1080, 1280 × 960, 1280 × 720	20 @ 2048 × 1536 25 @ 1920 × 1080, 1280 × 720	50 @ 1920 × 1080, 1280 × 960, 1280 × 720	50 @ 1920 × 1080, 1280 × 960, 1280 × 720	50 @ 1920 × 1080, 1280 × 960, 1280 × 720	50 @ 2048 × 1536, 1920 × 1080, 1280 × 720
Multi-Streaming	Triple	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	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	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	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	MicroSD, 128 GB max. ³
Other features	IP66	IP66, Smart heater	IP66	IP66	IP66	IP66/IK10 3D DNR	IP66/IK10 3D DNR	IP66/IK10 3D DNR	IP66/IK10 3D DNR
Operating Conditions (max.)	-30° C to 60° C, humidity 95% (non-condensing)	-40° 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)	-40° C to 60° C, humidity 95% (non-condensing)
Power Requirements (max.)	12V DC, 24 VAC, PoE (802.3af), 12.5 W	12V DC, 24 VAC, PoE (802.3af), 12.5 W	12V DC, 24 VAC, PoE (802.3af), 12.5 W	12V DC, 24 VAC, PoE (802.3af), 12.5 W	12V DC, 24 VAC, PoE (802.3af), 12.5 W	12V DC, 24 VAC, PoE (802.3at), 17 W	12V DC, 24 VAC, PoE (802.3at), 17 W	12V DC, 24 VAC, PoE (802.3at), 17 W	12V DC, 24 VAC, PoE (802.3at), 17 W

¹Full 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

³Firmware v 5.3 and later