



Network Camera - Smart Series

	Fisheye			Covert				
Model	DS-2CD6332FWD-I	DS-2CD6362F-I	DS-2CD6362F-IV	DS-2CD6412FWD-C1 (Base Unit)	DS-2CD6412FWD-C2 (Base Unit)	DS-2CD6412FWD-L10 (Lens/Sensor)	DS-2CD6412FWD-L20 (Lens/Sensor)	DS-2CD6412FWD-L30 (Lens/Sensor)
	 3.0 MP	 6.0 MP	 6.0 MP	 *Base unit ONLY	 *Base unit ONLY	 *Base unit NOT included 1.3 MP	 *Base unit NOT included 1.3 MP	 *Base unit NOT included 1.3 MP
Image Sensor	1/3" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	Supports (1) L10, L20, or L30 lenses/sensor units (not included)	Supports (2) L10, L20, or L30 lenses/sensor units (not included)	1/3" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS
Min. Illumination (lux)	Color: 0.28 @ f/2.0 B/W: 0 with IR	Color: 0.3 @ f/2.8 B/W: 0 with IR	Color: 0.3 @ f/2.8 B/W: 0 with IR	---	---	Color: 0.04 @ f/2.3	Color: 0.04 @ f/2.3	Color: 0.04 @ f/2.0
Lens	1.19 mm @ f/2.0	1.27 mm @ f/2.8	1.27 mm @ f/2.8	---	---	3.7 mm @ f/2.3	3.7 mm @ f/2.3	2.8 mm @ f/2.0, (4 mm @ f/2.0 option)
Horizontal Angle of View	180°	180°	180°	Lens dependent	Lens dependent	57°	57°	92.5°, 73.1°
Day/Night	TRUE	TRUE	TRUE	---	---	Electronic	Electronic	Electronic
BLC/WDR	No/120 dB	No/Digital	No/Digital	---	---	No/120 dB	No/120 dB	No/120 dB
IR Range (meters)	up to 15	up to 15	up to 15	---	---	---	---	---
Video Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG	---	---	---
Max. Image Resolution (pixels)	2048 × 1536	3072 × 2048	3072 × 2048	---	---	1280 x 960	1280 x 960	1280 x 960
Frame Rate (fps)	Fisheye (Main): 1536x1536; (Sub): 720x720. Panorama (Main): 1600x1200; (Sub): 704x480. ePTZ (Main): 800x600. M1: 20@ FE(M), 20@ P(M), 20@ 3XePTZ(M). M2: 30@FE(M), 30@ 4xePTZ(M). M3: 30@FE (M), 30@ FE (S), 15@ ePTZ(M). M4: 30@P(M), 30@P(S).	Fisheye (Main): 3072x2048; (Sub): 1280x1280. Panorama (Main): 2048x1536; (Sub): 704x480. PTeZ™ (Main): 1024x768. M1: 15@ FE(M), 15@ P(M), 15@ 3XPTeZ™(M). M2: 30@FE(M), 30@ 4XPTeZ™(M). M3: 15@FE (M), 15@ FE (S), 15@3X PTeZ™(M). M4: 30@P(M), 30@P(S).	Fisheye (Main): 3072x2048; (Sub): 1280x1280. Panorama (Main): 2048x1536; (Sub): 704x480. PTeZ™ (Main): 1024x768. M1: 15@ FE(M), 15@ P(M), 15@ 3XPTeZ™(M). M2: 30@FE(M), 30@ 4XPTeZ™(M). M3: 15@FE (M), 15@ FE (S), 15@3X PTeZ™(M). M4: 30@P(M), 30@P(S).	25 @ 1280 x 960, 1280 x 720	25 @ 1280 x 960, 1280 x 720	---	---	---
Multi-Streaming	High Frame Rate Mode; Multi-Channel Mode; Mode 3; Mode 4	High Frame Rate Mode; Multi-Channel Mode; Mode 3; Mode 4	High Frame Rate Mode; Multi-Channel Mode; Mode 3; Mode 4	Triple Stream	Triple Stream	---	---	---
Motion Detection	Yes	Yes	Yes	Basic Smart Suite ²	Basic Smart Suite ²	---	---	---
Audio Input/Output	Built-in speaker and mic	Built-in speaker and mic	Built-in speaker and mic	IN: 1 line/mic OUT: 1 line	IN: 1 line/mic OUT: 1 line	---	---	---
Alarm Input/Output	---	---	---	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	---	---	---
Other features	---	---	IP66/IK10	---	---	8m cable	8m cable	8m cable
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)	-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)
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), 6.5 W	12 VDC/PoE (802.3af), 6.5 W	---	---	---

²Basic Smart Suite: Line Crossing Detection, Intrusion Detection
³Firmware v 5.3 and later