

Network PTZ Camera - Smart Pro Series





	DS-2DF5274-A	DS-2DF5274-AEL	DS-2DF5276-A	DS-2DF5284-A	DS-2DF5284-AEL	DS-2DF5286-A
Model	 1.3 MP	 1.3 MP	 1.3 MP	 2.0 MP	 2.0 MP	 2.0 MP
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Min. Illumination (lux)	Color : 0.05 lux@F1.6 B/W : 0.005 lux@F1.6	Color : 0.05 lux@F1.6 B/W : 0.005 lux@F1.6	Color : 0.05 lux@F1.6 B/W : 0.005 lux@F1.6	Color : 0.05 lux@F1.6 B/W : 0.005 lux@F1.6	Color : 0.05 lux@F1.6 B/W : 0.005 lux@F1.6	Color : 0.05 lux@F1.6 B/W : 0.005 lux@F1.6
Lens	4.7 to 94mm	4.7 to 94mm	4.3 to 129mm	4.7 to 94mm	4.7 to 94mm	4.3 to 129mm
Horizontal Angle of View	58.3° to 3.2°	58.3° to 3.2°	65.5° to 2.11°	58.3° to 3.2°	58.3° to 3.2°	65.5° to 2.11°
Optical Zoom	20X	20X	30X	20X	20X	30X
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	-5° ~ 90°(Auto Flip)	-5° ~ 90°(Auto Flip)	-5° ~ 90°(Auto Flip)	-5° ~ 90°(Auto Flip)	-5° ~ 90°(Auto Flip)	-5° ~ 90°(Auto Flip)
Pan & Tilt Speed (Manual)	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 240°/s	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 240°/s	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 240°/s	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 240°/s	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 240°/s	Pan: 0.1° ~ 300°/s Tilt: 0.1° ~ 240°/s
Pan & Tilt Speed (Preset)	Pan: 540°/s Tilt: 400°/s	Pan: 540°/s Tilt: 400°/s	Pan: 540°/s Tilt: 400°/s	Pan: 540°/s Tilt: 400°/s	Pan: 540°/s Tilt: 400°/s	Pan: 540°/s Tilt: 400°/s
Day/Night	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
BLC/WDR	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital
IR Range (Meters)	---	---	---	---	---	---
Smart Features	Tracking, Defog	Tracking, Defog	Tracking, Defog	Tracking, Defog	Tracking, Defog	Tracking, Defog
Presets/Tours/Patterns	300/8/4	300/8/4	300/8/4	300/8/4	300/8/4	300/8/4
Video Compression	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4
Max. Image Resolution (pixels)	1280 × 960	1280 × 960	1280 × 960	1920×1080	1920×1080	1920×1080
Frame Rate (fps)	25 @ 1280 × 960, 1280 × 720	25 @ 1280 × 960, 1280 × 720	25 @ 1280 × 960, 1280 × 720	25 @ 1920 × 1080, 1280 × 960, 1280 × 720	25 @ 1920×1080, 1280 × 960, 1280 × 720	25 @ 1920×1080, 1280 × 960, 1280 × 720
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
Other features	IP66	IP66	IP66	IP66	IP66	IP66
Operating Conditions (max.)	-30° C to 65° C, humidity 90% (non-condensing)	-40° C to 65° C, humidity 90% (non-condensing)	-30° C to 65° C, humidity 90% (non-condensing)	-30° C to 65° C, humidity 90% (non-condensing)	-40° C to 65° C, humidity 90% (non-condensing)	-30° C to 65° C, humidity 90% (non-condensing)
Power Requirements (max.)	24 VAC, 40W	24 VAC, PoE+ (802.3at), 60 W	24 VAC, 40W	24 VAC, 40W	24 VAC, PoE+ (802.3at), 60 W	24 VAC, 40W

³Firmware v 5.3 and later

Network PTZ Camera - Smart Pro Series

	DS-2DF7274-A	DS-2DF7276-A	DS-2DF7284-A	DS-2DF7284-AEL	DS-2DF7286-A
Model	 1.3 MP	 1.3 MP	 2.0 MP	 2.0 MP	 2.0 MP
Image Sensor	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
Min. Illumination (lux)	Color : 0.03 lux@F1.6 B/W : 0.005 lux@F1.6	Color : 0.03 lux@F1.6 B/W : 0.005 lux@F1.6	Color : 0.03 lux@F1.6 B/W : 0.005 lux@F1.6	Color : 0.03 lux@F1.6 B/W : 0.005 lux@F1.6	Color : 0.03 lux@F1.6 B/W : 0.005 lux@F1.6
Lens	4.7 to 94mm	4.3 to 129mm	4.7 to 94mm	4.7 to 94mm	4.3 to 129mm
Horizontal Angle of View	58.3° to 3.2°	65.5° to 2.11°	58.3° to 3.2°	58.3° to 3.2°	65.5° to 2.11°
Optical Zoom	20X	30X	20X	20X	30X
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	-2° to 90°(Auto Flip)	-2° to 90°(Auto Flip)	-2° to 90°(Auto Flip)	-2° to 90°(Auto Flip)	-2° to 90°(Auto Flip)
Pan & Tilt Speed (Manual)	Pan: 0.1° to 160°/s Tilt: 0.1° to 120°/s	Pan: 0.1° to 160°/s Tilt: 0.1° to 120°/s	Pan: 0.1° to 160°/s Tilt: 0.1° to 120°/s	Pan: 0.1° to 160°/s Tilt: 0.1° to 120°/s	Pan: 0.1° to 160°/s Tilt: 0.1° to 120°/s
Pan & Tilt Speed (Preset)	Pan: 160°/s Tilt: 120°/s	Pan: 160°/s Tilt: 120°/s	Pan: 240°/s Tilt: 200°/s	Pan: 240°/s Tilt: 200°/s	Pan: 240°/s Tilt: 200°/s
Day/Night	TRUE	TRUE	TRUE	TRUE	TRUE
BLC/WDR	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital	Yes/Digital
IR Range (Meters)	up to 150m	up to 150m	up to 150m	up to 150m	up to 150m
Smart Features	Tracking, Defog	Tracking, Defog	Tracking, Defog	Tracking, Defog	Tracking, Defog
Presets/Tours/Patterns	300/8/4	300/8/4	300/8/4	300/8/4	300/8/4
Video Compression	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4
Max. Image Resolution (pixels)	1280 × 960	1280 × 960	1920 × 1080	1920 × 1080	1920 × 1080
Frame Rate (fps)	25 @ 1920×1080, 1280 × 960, 1280 × 720	25 @ 1920×1080, 1280 × 960, 1280 × 720	25 @ 1920×1080, 1280 × 960, 1280 × 720	25 @ 1920×1080, 1280 × 960, 1280 × 720	25 @ 1920×1080, 1280 × 960, 1280 × 720
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	IP66	IP66	IP66	IP66
Operating Conditions (max.)	-30° C to 65° C, humidity 90% (non-condensing)	-30° C to 65° C, humidity 90% (non-condensing)	-30° C to 65° C, humidity 90% (non-condensing)	-40° C to 65° C, humidity 90% (non-condensing)	-30° C to 65° C, humidity 90% (non-condensing)
Power Requirements (max.)	24 VAC, 50W	24 VAC, 50W	24 VAC, 50W	24 VAC, PoE+ (802.3at), 60 W	24 VAC, 50W

³Firmware v 5.3 and later

Network PTZ Camera - Smart Pro Series				
	Indoor	Outdoor IR		
	DS-2DF5276-AE3	DS-2DF6223-AEL	DS-2DF7286-AEL	DS-2DF82231-AEL
Model	 1.3 MP	 2.0 MP	 1.3 MP	 DarkFighter 2.0 MP
Image Sensor	1/3" progressive scan CMOS	1/1.9" progressive scan CMOS	1/2.8" progressive scan CMOS	1/1.9" progressive scan CMOS
Min. Illumination (lux)	Color: 0.05 @ f/1.6 B/W: 0.005 @ f/1.6	Color: 0.005 @ f/1.5 B/W: 0.0005 @ f/1.5	Color: 0.4 @ f/1.6 B/W: 0.03 @ f/1.6, 0 with IR	Color: 0.002 @ f/1.5 B/W: 0.0002 @ f/1.5
Lens	4.3 to 129.0 mm	5.9 to 135.7 mm	4.3 to 129.0 mm	5.9 to 135.7 mm
Horizontal Angle of View	65.5° to 2.11°	59.8° to 3.0°	65.5° to 2.11°	59.8° to 3.0°
Optical Zoom	30x	23x	30x	23x
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	-5° to 90° (auto flip)	-15° to 90° (auto flip)	-2° to 90° (auto flip)	-20° to 90° (auto flip)
Pan & Tilt Speed (Manual)	Pan: 0.1° to 300°/sec. Tilt: 0.1° to 240°/sec.	Pan: 0.1° to 300°/sec. Tilt: 0.1° to 240°/sec.	Pan: 0.1° to 160°/sec. Tilt: 0.1° to 120°/sec.	Pan: 0.1° to 160°/sec. Tilt: 0.1° to 120°/sec.
Pan & Tilt Speed (Preset)	Pan: 540°/sec. Tilt: 400°/sec.	Pan: 540°/sec. Tilt: 400°/sec.	Pan: 240°/sec. Tilt: 200°/sec.	Pan: 240°/sec. Tilt: 200°/sec.
Day/Night	TRUE	TRUE	TRUE	TRUE
BLC/WDR	Yes/Digital	No/120 dB	Yes/Digital	Yes/120 dB
IR Range (Meters)	---	---	150	200
Smart Features/Presets/Tours/Patterns	Tracking, Defog/ 300/8/4	Tracking, Defog/ 300/8/4	Tracking, Defog/ 300/8/4	Tracking, Defog/ 300/8/4
Video Compression	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4	H.264/MJPEG/MPEG4
Max. Image Resolution (pixels)	1280 × 960	1920 × 1080	1920 × 1080	1920 × 1080
Frame Rate (fps)	30 @ 1280 × 960, 1280 × 720	30 @ 1920 × 1080, 1280 × 960, 1280 × 720	30 @ 1920 × 1080, 1280 × 960, 1280 × 720	30 @ 1920 × 1080, 1280 × 960, 1280 × 720
Local Storage	MicroSD, 128 GB max. ³	MicroSD, 128 GB max. ³	MicroSD, 128 GB max. ³	MicroSD, 128 GB max. ³
Ratings	IP66	IP66, IK10	IP66, UL/cUL Listed	IP66, IK10, UL/cUL Listed
Operating Conditions (max.)	-10° C to 50° C, humidity 90% (non-condensing)	-40° C to 65° C, humidity 90% (non-condensing)	24 VAC: -40° C to 65° C (-40° F to 149° F); Hi-PoE: -30° C to 65° C (-22° F to 149° F), humidity 90% (non-condensing)	-40° C to 65° C (-40° F to 149° F), humidity 90% (non-condensing)
Power Requirements (max.)	24 VAC, PoE+ (802.3at), 25 W	24 VAC, Hi-PoE, 60 W	24 VAC, Hi-PoE, 60 W	24 VAC, Hi-PoE, 60 W

Hikvision is proud to present state-of-the-art IP cameras for every lighting situation: DarkFighter and LightFighter Cameras

DarkFighter cameras feature industry-leading ultra-low light technology. With models offering IR distances up to 200 m, DarkFighter is the perfect solution to capture color images clearly in dimly lit environments.

In extremely bright light conditions, LightFighter's groundbreaking 140 db Wide Dynamic Range (WDR) feature operates similarly to the human eye, extending the range of lighting extremes, on the scene, that the camera can successfully resolve, resulting in an image without under or over exposure.

Both cameras offer full 1080p HD to capture even the most minute details. Smart features, 3D digital noise reduction (DNR), defogging technology, and electronic image stabilization (EIS) options allow DarkFighter and LightFighter cameras to provide superior quality images and high performance.

Conventional PTZ Camera



Hikvision DarkFighter PTZ



Conventional Camera



Hikvision LightFighter Camera



³Firmware v 5.3 and later