

Cisco IP Camera Comparison



Cisco Video Surveillance IP Cameras

Improve safety and security with Cisco Video Surveillance IP Cameras, which offer efficient network use and high-quality video.

Cisco can deliver the best IP camera for your needs, whether it's a high-definition or multi-mega pixel, box or dome, or stationary or pan-tilt-zoom (PTZ) model.

Table 1. Dome Cameras

Camera Characteristics	CIVS-IPC-3520	CIVS-IPC-3535	CIVS-IPC-3620 CIVS-IPC-3630	CIVS-IPC-6020 CIVS-IPC-6030	CIVS-IPC-6620 CIVS-IPC-6630	CIVS-IPC-7030E
						
Type	Indoor Dome	Outdoor Dome	Indoor/Outdoor Dome	Indoor/Outdoor Dome	Indoor/Outdoor Dome	Outdoor Dome
Max Resolution	1280x800 @ 30fps	1280x800 @ 30fps	1280x1024 @ 30fps	1920x1080 @ 30fps	1920x1080 @ 30fps	2560x1920 @ 5fps 1920x1080 @ 30fps
Dynamic Range	69db	69db	140db	69db	100db	80db
IR	N/A	N/A	Onboard	N/A	Onboard	Onboard
Lens/Iris	3-9mm/DC-Iris	3-9mm/DC-Iris	3-10mm/P-Iris	3-9mm/DC-Iris	3-10mm/P-Iris	3-9mm/DC-Iris
Remote Autofocus	Yes	Yes	Yes	Yes	Yes	Yes
Field of View	66.09° - 25.03° Horizontal 40.66° - 15.77° Vertical 78.36° - 28.83° Diagonal	66.09° - 25.03° Horizontal 40.66° - 15.77° Vertical 78.36° - 28.83° Diagonal	95.41° - 30.53° Horizontal 75.61° - 24.48° Vertical 123.19° - 39.18° Diagonal	37.5° - 103.7° Horizontal 21.6° - 71.2° Vertical 42.6° - 111.21° Diagonal	104.18° - 33.8° Horizontal 56.89° - 19.06° Vertical 121.66° - 39.05° Diagonal	35.45° - 88.9° Horizontal 26.69° - 67.01° Vertical 43.99° - 111.0° Diagonal
Camera Adjustment Range	Pan: 350° Tilt: 80° Rotate: 350°	Pan: 350° Tilt: 80° Rotate: 350°	Pan: 350° Tilt: 80° Rotate: 350°	Pan: 350° Tilt: 80° Rotate: 350°	Pan: 350° Tilt: 80° Rotate: 350°	Pan: 350° Tilt: 72° Rotate: 350°
Audio I/O Digital I/O	Audio in x 1 (3.5-mm miniature jack) Audio out x 1 (3.5-mm miniature jack) DI x 1 DO x 1	Audio in x 1 (3.5-mm miniature jack) Audio out x 1 (3.5-mm miniature jack) DI x 1 DO x 1	Audio in x 1 (3.5-mm miniature jack) Audio out x 1 (3.5-mm miniature jack) DI x 1 DO x 1	Audio in x 1 (3.5-mm miniature jack) Audio out x 1 (3.5-mm miniature jack) DI x 1 DO x 1	Audio in x 1 (3.5-mm miniature jack) Audio out x 1 (3.5-mm miniature jack) DI x 1 DO x 1	Audio in x 1 (3.5-mm miniature jack) Audio out x 1 (3.5-mm miniature jack) DI x 1 DO x 1
# of streams	2	2	2	2	2	2
Max Illumination	Color: 0.4 lux B/W: 0.2 lux	Color: 0.4 lux B/W: 0.2 lux	Color: .08 lux B/W: .001 lux	Color: 0.5 lux B/W: 0.05 lux	Color: 0.42 lux B/W: 0.001 lux	Color: 0.1 lux B/W: 0 lux w/Illuminator Active



Table 1. Dome Cameras (continued)

Camera Characteristics	CIVS-IPC-3520	CIVS-IPC-3535	CIVS-IPC-3620 CIVS-IPC-3630	CIVS-IPC-6020 CIVS-IPC-6030	CIVS-IPC-6620 CIVS-IPC-6630	CIVS-IPC-7030E	
Day/Night	Automatic, manual, scheduled						
Local Storage	MicroSD						
Video Compression	H.264 & Motion JPEG						
ONVIF	Profile S						
External Power	12V DC 24V AC	12V DC 24V AC	12V DC 24V AC	12V DC 24V AC	12V DC 24V AC	24V AC	
Power Consumption (in watts)	3.6 DC 5.1 AC 5.28 PoE	3.6 DC 5.1 AC 5.28 PoE	8 DC 8.8 AC 10.6 PoE	C6020 4.7 DC 5.1 AC 5.28 PoE	C6030 9.5 DC 13.1 AC 12.72 PoE	8 DC 8.8 AC 10.6 PoE	13.9 AC 9.5 PoE
Environmental Certification	Depending on Mounting Option	IP66 IK10	c3620 C3630 IP67/IK10	c6020 C6030 IP66/IK10	C6620 C6630 IP66/IK10	IP67 IK10	
Operating Temperature	32° to 122°F (0° to 50° C)	-40° to 122°F (-40° to 50° C)	C3620: -4° to 122°F (-20° to 50° C) C3630: -58° to 122°F (-50° to 50° C)	C6020: 32° to 122°F (0° to 50° C) C6030: -40° to 131°F (-40 to 55° C)	C6620: -4° to 122°F (-20° to 50° C) C6630: -58° to 122°F (-50° to 50° C)	-25° to 122° F (-13° to 50° C) PoE	



Table 2. 360 & Analytic Cameras

Camera Characteristics	CIVS-IPC-3050	CIVS-IPC-7070	CIVS-IPC-6500PD	CIVS-IPC-7530PD
				
Type	Transit	360° Panoramic	Box w/Advanced DSP	Dome w/Advanced DSP
Max Resolution	1280x960 @ 30fps	1920x1920 @ 15fps	1920x1080 @ 30fps	2560x1920 @ 8fps 1920x1080 @ 30fps
Dynamic Range	120db	60db	69db	80db
IR	No	Yes	No	No
Lens/Iris	4mm fixed focal/Fixed Iris	1.5mm fixed focal/Fixed Iris	3-8mm/P-Iris	3-9mm/P-Iris
Field of View	68° Horizontal 50° Vertical 90° Diagonal	180° Horizontal 180° Vertical 180° Diagonal	Dependent on Lens Selection	35.45° -88.9° Horizontal 26.69° -67.01° Vertical 43.99° -111.0° Diagonal
Camera Adjustment Range	Tilt: 90°	N/A	N/A	Pan: 350° Tilt: 72° Rotate: 350°
Audio I/O	Internal Mic	Internal Mic	Audio in x 1 (3.5-mm miniature jack)	Audio in x 1 (3.5-mm miniature jack)
Digital I/O	Audio out x 1 (3.5-mm miniature jack) DI x 1 DO x 1	Audio out x 1 (3.5-mm miniature jack) DI x 1 DO x 1	Audio out x 1 (3.5-mm miniature jack) DI x 1 DO x 1	Audio out x 1 (3.5-mm miniature jack) DI x 1 DO x 1
Max Illumination	Color: 0.4 lux	Color: 0.6 lux B/W: 0 lux w/Illuminators Active	Color: 0.3 lux B/W: 0.05 lux	Color: 0.1 lux B/W: 0 lux w/Illuminators Active
Day/Night	Automatic, manual, scheduled			
Local Storage	MicroSD			
Video Compression	H.264 & Motion JPEG			
ONVIF	Profile S			
External Power	No	12V DC	12V DC 24V AC	24V AC
Power Consumption (in watts)	4.5 PoE	9.6 DC 12.5 AC 12.2 PoE	9 DC 10 AC 10 PoE	27 AC 12.2 PoE
Environmental Certification	IP66	IP66	Dependent on Mounting Option	IP67/IK10
Operating Temperature	-13° to 131°F (-25° to 55°C)	-40° to 122°F (-40° to 50°C)	14° to 122°F (-10° to 50°C) Note: Can be extended using an outdoor enclosure	-13° to 122°F (-25° to 50°C) PoE



Table 3. Box/Fixed/PTZ Cameras

Camera Characteristics	CIVS-IPC-6000P	CIVS-IPC-6400E	CIVS-IPC-2830 CIVS-IPC-2835	CIVS-IPC-6930
				
Type	Box	Bullet outdoor	Outdoor PTZ	Outdoor PTZ
Max Resolution	1920x1080 @ 30fps	1920x1080 @ 30fps	SD Analog	1920x1080 @ 30fps
Dynamic Range	69db	69db		86db
IR	N/A	Yes		
Lens/Iris	3-8mm/P-Iris	3-9mm/DC-Iris	3.7-44.4mm	4.7-94mm
Field of View	Dependent on lens selection	37.5° -95.98° Horizontal 21.6° -53.8° Vertical 42.6° -109.46° Diagonal	H: 56.3° (W) - 4.6° (T)	H: 55.4° (W) - 2.9° (T)
Audio I/O	Audio in x 1 (3.5-mm miniature jack)	Audio in x 1 (3.5-mm miniature jack)	Audio in x 1 (3.5-mm miniature jack)	Audio in x 1 (3.5-mm miniature jack)
Digital I/O	Audio out x 1 (3.5-mm miniature jack) DI x 1 DO x 1	Audio out x 1 (3.5-mm miniature jack) DI x 1 DO x 1	Audio out x 1 (3.5-mm miniature jack) AI x 4 AO x 2	Audio out x 1 (3.5-mm miniature jack) DI x 4 DO x 2
Max Illumination	Color: 0.3 lux B/W: 0.05 lux	Color: 0.5 lux B/W: 0 lux w/Illuminator Active	Color: 0.9 lux B/W: 0.1 lux	Color: 0.05 lux B/W: 0.05 lux
Day/Night	Automatic, manual, scheduled			
Local Storage	MicroSD		N/A	MicroSD
Video Compression	H.264 & Motion JPEG			
ONVIF	Profile S			
External Power	12V DC 24V AC	12V DC 24V AC	24V AC	24V AC
Power Consumption (in watts)	4.7 DC 6.3 AC 6.1 PoE	9.6 DC 12.5 AC 12.2 PoE	28 AC 18 PoE+ 28 High PoE	30 AC 20 PoE+ 30 High PoE
Environmental Certification	Dependent on Mounting Option	IP67/IK10	IP66	IP66
Operating Temperature	14° to 122°F (-10° to 50°C)	14° to 122°F (-10° to 50°C)	AC24V: -40° to 131°F (-40° to 55°C) PoE+: 23° to 131°F (-5° to 55°C) High PoE: -40° to 131°F (-40° to 55°C)	