

## IP DOME CAMERAS

## IP BOX CAMERAS

## HDA CAMERAS

Model	Ax47R2	Ax67R2/4	Ax47DC	Ax65W	Ax75v2	Ax85	Ax78R	Ax98	Ax63Z	Ax63C	Ax83C	Am51v2	Am53	Am73
<b>Image</b>														
<b>Camera type</b>	IP fixed lens mini Dome, 2-piece construction, no back box included. Back box: B7			IP vari-focal Dome, 3-piece construction, back box included, vari-focal & motorized lens			IP Fisheye 360-degree dome, no backbox included. Back box: DB78BB		IP PTZ Speed Dome	IP Box camera, CS mount lenses sold separately	IP Box camera, CS mount lenses sold separately	Plastic dome, indoor, vari-focal & motorized lens, no back box	Metal alloy, outdoor, vari-focal & motorized lens, no back box incl.	Metal alloy, outdoor, vari-focal & motorized lens, back box included
<b>Resolution</b>	1.3MP 1280x960	3MP 2048x1536	1.3MP 1280x960	3MP 2048x1536	4MP 2688x1520	8MP/4K 3840x2160	6MP 3072x2048	12MP 4000 x 3072	3MP 2048x1536	3MP 2048x1536	8MP/4K 3840x2160	2MP 1920x1080	2MP 1920x1080	5MP 2560x1944
<b>Focal Length (Lens)</b>	2.8mm	R2: 2.8mm R4: 4mm	2.1mm	3-10.5mm	3-10.5mm	3.4-9mm	1.27mm	2mm	4.7-84.6mm	<b>L3:</b> 3MP, 2.8-12mm <b>L15:</b> 3MP, 15-50mm	<b>L5:</b> 5MP, 2.8-8.5mm <b>L6:</b> 8MP, 3.9-10mm	2.7-13.5mm		
<b>Iris Control</b>	Auto Iris			Auto Iris	P-Iris	P-Iris	Auto Iris		Auto Iris	Auto Iris	P-Iris	Auto Iris		
<b>Horizontal Field of View (HOV)</b>	93°(H)~70°(V)	R2: 100°(H)~74°(V) R4: 68°(H)~51°(V)	115°(H)~87°(V)	Wide: 90°(H)~68°(V) Tele: 33°(H)~24°(V)	Wide: 90°(H)~50°(V) Tele: 34°(H)~19°(V)	Wide: 90°(H)~50°(V) Tele: 34°(H)~19°(V)	360°		Wide: 67.3° Tele: 2.4°	<b>L3:</b> Wide: 100°(H)~74°(V) Tele: 23°(H)~17°(V) <b>L15:</b> Wide: 30.1°(H)~22.3°(V) Tele: 8.9°(H)~6.8°(V)	<b>L5:</b> Wide: 124.7°(H)~63.9°(V) T: 42.3°(H)~22.7°(V) <b>L6:</b> Wide: 108.1°(H)~79.7°(V) Tele: 42.1°(H)~32°(V)	Wide: 105.2° - 55.8° Tele: 32.8° - 18.4°	Wide: 105.2° - 55.8° Tele: 32.8° - 18.4°	Wide: 92.3° Tele: 29.3°
<b>IR Range</b>	25m (82ft)			LED: 8pcs, 15m(49ft) WLED: 12pcs, 15m(49ft)	30m (98ft)	40m (131ft)	15m (49ft)		N/A	N/A	N/A	40m (130ft)	40m (130ft)	40m (130ft)
<b>Wide Dynamic Range (WDR)</b>	Digital			Digital	True	True (120dB)	Digital		Digital	Digital	True (120dB)	True (120dB)	True (120dB)	True (130dB)
<b>Minimum Illumination</b>	0.3 lux (Color), 0.1 lux (BW), 0 Lux w/ IR ON			0.02 lux F1.4 (Color) 0.01 lux F1.4 (BW) 0 lux w/ IR ON	0.05 lux F1.4 (Color) 0 lux w/ IR ON (BW)	0.07 lux F1.5 (Color) 0 lux w/ IR ON (BW)	0.05 lux F1.2 (Color) 0.3 lux F2.8 (Color) 0 lux w/ IR ON (BW)	0.01 lux F1.2 (Color) 0.04 lux F2.4 (Color) 0 lux w/ IR ON (BW)	1.3 lux F1.6 (Color) 0.5 lux F1.6 (Color)	0.06 lux F1.4 (Color) 0.03 lux F1.4 (BW)	0.1 lux F1.6 (Color) 0.02 lux F1.6 (BW)	0.005 lux F1.2 (Color) 0 Lux with IR	0.005 lux F1.2 (Color) 0 Lux with IR	0.003 lux F1.2 (Color) 0 Lux with IR
<b>Audio</b>	N/A			1, Line Level			1, Mic Level (built-in)		N/A	1, Line Level	1, Line Level	N/A	N/A	N/A
<b>Special Characteristics</b>	Compatible with Veo16p	Compatible with Veo16p	Use for Door Counting applications	DC12V Power Output: ≤2.0W for PIR; ≤ 6.8W for Ext. WLED; Defog control (by PoE+/AC24V)	BNC output for video duplication	P-Iris, 4K, h.265	Built-in speaker & microphone; 4 Modes, up to 5 channels	Built-in speaker & microphone; 5 Modes, up to 5 channels	Up to 180X zoom (Optical 18x, Digital 10x)	ABF	P-Iris, 4K, h.265	Video formats supported: HD-TVI (i3-recommended), HD-CVI, HD-AHD, CVBS		
<b>Compression</b>	h.264/MJPEG			h.264/MJPEG			h.265/ h.264/MJPEG	h.264/MJPEG	h.264/MJPEG	h.264/MJPEG	h.265/h.264/MJPEG	N/A	N/A	N/A
<b>Power Requirement</b>	PoE (IEEE 802.3af, Class 3)			AC 24V / PoE+ (IEEE 802.3at Class 4)	AC 24V / DC 12V / PoE (IEEE 802.3af Class 3)	AC 24V / PoE+ (IEEE 802.3at Class 4)	DC 12V / PoE (IEEE 802.3af Class 3)	DC 12V / PoE (IEEE 802.3at Class 4)	Indoor: AC 24V / PoE+ (IEEE 802.3at Class 4) Outdoor: AC 24V	DC 12V / AC 24V / PoE (IEEE 802.3af Class 3)	DC 12V / AC 24V / PoE (IEEE 802.3af Class 3)	DC 12V & AC 24V	DC 12V & AC 24V	DC 12V & AC 24V
<b>Power Consumption</b>	8.5W	8.5W	6.5W	25W	AC 24V/PoE 13W DC 12V 16.5W	18.6W	12W	14.7W	36W (with heater ON)	8W	7.5W	9.7W	9.7W	8W
<b>Operating Temperature</b>	-20°C - 50°C   -4°F - 122°F			-40°C - 50°C   -40°F - 122°F			-30°C - 60°C   -22°F - 140°F		-40°C - 50°C   -40°F - 122°F	-10°C - 50°C 14°F - 122°F	-20°C - 50°C -4°F - 122°F	-10°C - 50°C (indoor) 14°F - 122°F (indoor)	-40°C - 50°C -40°F - 122°F	-40°C - 50°C -40°F - 122°F
<b>Regulation, Rating</b>	FCC Class B, CE, RoHS, UL, IP67, IK10, ONVIF			FCC Class B, CE, RoHS, IP67, IK10, ONVIF			FCC Class B, CE, UL, IP66, IK10, ONVIF		FCC, CE, ONVIF	FCC Class B, CE, RoHS, REACH, UL/cUL, ONVIF	FCC Class B, CE Class B, RoHS, ONVIF	FCC, CE, UL	FCC, CE, UL, IP67, IK10	FCC, CE, UL, IP67, IK10
<b>Warranty</b>	5 years			Camera: 5 years, WLED: 1 year	5 years	5 years	5 years		1 year	5 years	5 years	5 years	5 years	5 years