







## 2019 PRO PTZ CAMERA LINEUP

	ENTRY-LEVEL	HD w/HDMI	HD w/SDI	4K PROFESSIONAL	FULL-HD	4K PERFORMANCE
						
	<b>STANDARD</b> AW-HE38H	<b>STANDARD</b> AW-HE40H	<b>STANDARD</b> AW-HE40S	<b>STANDARD</b> AW-UE70	<b>STANDARD</b> AW-HE130	<b>PERFORMANCE</b> AW-UE150
MODEL	AW-HE38H	AW-HE40H	AW-HE40S	AW-UE70	AW-HE130	AW-UE150
NDI <sup>®</sup> Network Device Interface	AW-HN38H	AW-HN40H	-	AW-UN70	AW-HN130	Upgrade Available
Color	Black (K) or White (W)	Black (K) or White (W)	-	Black (K) or White (W)	Black (K) or White (W)	Black (K) or White (W)
<b>GENERAL</b>						
Sensor	1/2.3" MOS	1/2.3" MOS	1/2.3" MOS	1/2.3" MOS	1/2.86" 3MOS	1" MOS
Optical Zoom	22x	30x	30x	20x	20x	20x
i.Zoom	30x	40x	40x	30x	-	32x
Digital Zoom	16x	16x	16x	12x	10x	10x
FOV (Horizontal)	61.6° (W) - 2.9° (T)	61.6° (W) - 2.10° (T)	61.6° (W) - 2.10° (T)	65.1° (W) - 3.26° (T)	60.2° (W) - 3.3° (T)	75.1° (W) - 4.0° (T)
FOV (Vertical)	37.0° (W) - 1.6° (T)	37.0° (W) - 1.18° (T)	37.0° (W) - 1.18° (T)	39.5° (W) - 1.83° (T)	36.2° (W) - 1.9° (T)	46.7° (W) - 2.3° (T)
FOV (Diagonal)	68.7° (W) - 3.3° (T)	68.7° (W) - 2.42° (T)	68.7° (W) - 2.42° (T)	72.4° (W) - 3.74° (T)	67.4° (W) - 3.8° (T)	82.8° (W) - 4.6° (T)
Focus	Auto / Manual	Auto / Manual	Auto / Manual	Auto / Manual	Auto / Manual	Auto / Manual
Horizontal Resolution	1000 Lines	1000 Lines	1000 Lines	1300 Lines (UHD)	1000 Lines	1600 Lines
Minimum Illumination	0.35 lx	0.35 lx	0.35 lx	0.35 lx	2 lx	2 lx
Gain	0 dB - 48dB	0 dB - 48 dB	0 dB - 48 dB	0 dB - 48 dB	0 dB - 36 dB	0 dB - 36 dB
Control	Serial / IP / IR	Serial / IP / IR	Serial / IP / IR	Serial / IP / IR	Serial / IP / IR	Serial / IP / IR
Power	PoE+ or AC	PoE+ or AC	PoE+ or AC	PoE+ or AC	PoE+ or AC	PoE+ or XLR
Weight	3.30 lbs	3.30 lbs	3.30 lbs	3.30 lbs	6.83 lbs	9.24 lbs
Installation	Tripod, Wall, Ceiling	Tripod, Wall, Ceiling	Tripod, Wall, Ceiling	Tripod, Wall, Ceiling	Tripod, Wall, Ceiling	Tripod, Wall, Ceiling
Mount Position	Invertible: Ceiling or Desktop	Invertible: Ceiling or Desktop	Invertible: Ceiling or Desktop	Invertible: Ceiling or Desktop	Invertible: Ceiling or Desktop	Invertible: Ceiling or Desktop
Standard Warranty	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year
<b>PTZ</b>						
Pan Range	±175 degrees	±175 degrees	±175 degrees	±175 degrees	±175 degrees	±175 degrees
Tilt Range	-30 to 90°	-30 to 90°	-30 to 90°	-30 to 90°	-30 to 210°	-30 to 210°
Pan / Tilt Speed	300°/s (Preset)   90°/s (M)	300°/s (Preset)   90°/s (M)	300°/s (Preset)   90°/s (M)	300°/s (Preset)   90°/s (M)	0.08°/s to 60°/s	~180°/s
Operation Noise	NC35 or Less	NC35 or Less	NC35 or Less	NC35 or Less	NC35 or Less	NC35 or Less
<b>VIDEO OUTPUT</b>						
LAN	✓	✓	✓	✓	✓	✓
NDI <sup>®</sup> HX	✓	✓	✓	✓	✓	✓ (with upgrade)
Optical Fiber	-	-	-	-	-	-
12G-SDI	-	-	-	-	-	✓
3G-SDI	-	-	-	✓	✓	✓
HD-SDI	-	-	✓	✓	✓	✓
SD-SDI	-	-	-	✓	✓	-
HDMI	✓	✓	✓	✓	✓	✓
Composite	-	-	-	-	✓	-
USB	✓	✓	✓	✓	-	-
<b>CONTROL</b>						
Browser (PC/Mac/Mobile) via IP	✓	✓	✓	✓	✓	✓
USB	✓	✓	✓	✓	-	-
VISCA	✓	✓	✓	✓	✓	✓
Auto Tracking* / Auto Tracking Server*	AW-SF100 / AW-SF200	AW-SF100 / AW-SF200	AW-SF100 / AW-SF200	AW-SF100 / AW-SF200	AW-SF100 / AW-SF200	AW-SF100 / AW-SF200
Live Streaming Switcher	AW-HLC100	AW-HLC100	AW-HLC100	AW-HLC100	AW-HLC100	AW-HLC100
iPad	LiveCTRL App	LiveCTRL App	LiveCTRL App	LiveCTRL App	LiveCTRL App	LiveCTRL App
Wide-Angle Tablet Control	AW-HEA10	AW-HEA10	AW-HEA10	AW-HEA10	AW-HEA10	AW-HEA10
IR Remote Control	AW-RM50	AW-RM50	AW-RM50	AW-RM50	AW-RM50	AW-RM50
Compact Controller	AW-RP50	AW-RP50	AW-RP50	AW-RP50	AW-RP50	AW-RP50**
Full-Size Controller	AW-RP120 / AW-RP150**	AW-RP120 / AW-RP150**	AW-RP120 / AW-RP150**	AW-RP120 / AW-RP150**	AW-RP120 / AW-RP150**	AW-RP120** / AW-RP150
Remote Operation Panel	AK-HRP200 AK-HRP1000 / AK-HRP1005	AK-HRP200 AK-HRP1000 / AK-HRP1005	AK-HRP200 AK-HRP1000 / AK-HRP1005	AK-HRP200 AK-HRP1000 / AK-HRP1005	AK-HRP200 AK-HRP1000 / AK-HRP1005	AK-HRP200 AK-HRP1000 / AK-HRP1005
Compact Live Switcher	AW-HS50N	AW-HS50N	AW-HS50N	AW-HS50N	AW-HS50N	AW-HS50N
Software Controller (Windows)	PTZ Camera Control Center	PTZ Camera Control Center	PTZ Camera Control Center	PTZ Camera Control Center	PTZ Camera Control Center	PTZ Camera Control Center
<b>FEATURES</b>						
IP Live Preview	✓	✓	✓	✓	✓	✓
Simultaneous Multi-Stream	✓	✓	✓	✓	✓	✓
Image Stabilization	Electronic	Electronic	Electronic	Optical	Optical	Optical
Night Mode (for IR)	✓	✓	✓	✓	✓	✓
Dynamic Range Stretch (DRS)	✓	✓	✓	✓	✓	✓
Audio Input / Embedding	✓	✓	✓	✓	✓	✓
Color Temperature Adjustment	✓	✓	✓	✓	✓	✓
Presets	Up to 100	Up to 100	Up to 100	Up to 100	Up to 100	Up to 200
microSD Card Recording	✓	✓	✓	✓	-	-
High Dynamic Range (HDR)	✓	✓	✓	✓	-	-
Fanless Design	✓	✓	✓	✓	✓	✓
Built-in ND Filters	-	-	-	✓	✓	1/4, 1/16, 1/64
Genlock	-	-	-	✓	✓	✓
Advanced Color Adjustment	-	-	-	-	✓	✓
Digital Noise Reduction (DNR)	-	-	-	-	✓	✓
High-Speed Pan/Tilt Mode	-	-	-	-	-	✓
HD Cropping in 4K Mode	-	-	-	-	-	✓
<b>OPTIONS &amp; ACCESSORIES</b>						
Portable Recorder	AG-UMR20	AG-UMR20	AG-UMR20	AG-UMR20	AG-UMR20	AG-UMR20
Wall Mount (Black) / Wall Mount (White)	FEC-40WMK / FEC-40WMW	FEC-40WMK / FEC-40WMW	FEC-40WMK / FEC-40WMW	FEC-40WMK / FEC-40WMW	FEC-120WMK / FEC-120WMW	FEC-150WMK / FEC-150WMW
Ceiling Mount	Included with Camera	Included with Camera	Included with Camera	Included with Camera	Included with Camera	Included with Camera
Weatherproof Enclosure	Cooled	-	D2CD12V40	D2CD12V70	HD12-CD	TBD
	Heated	-	D2HBMVP540	D2HBMVP570	-	TBD
3 Year Warranty	AG-SVCPREF2Y	AG-SVCPREF2Y	AG-SVCPREF2Y	AG-SVCPREF2Y	AG-SVCPREF2Y	AJ-SVCPREF2Y
5 Year Warranty	AG-SVCPREM4Y	AG-SVCPREM4Y	AG-SVCPREM4Y	AG-SVCPREM4Y	AG-SVCPREM4Y	AJ-SVCPREM4Y
On-Site Training	AJ-S09TFMCNS	AJ-S09TFMCNS	AJ-S09TFMCNS	AJ-S09TFMCNS	AJ-S09TFMCNS	AJ-S09TFMCNS
<b>MSRP (BASE)</b>	<b>\$2,200</b>	<b>\$3,150</b>	<b>\$4,150</b>	<b>\$5,850</b>	<b>\$8,900</b>	<b>\$11,400</b>
<b>MSRP (NDI<sup>®</sup>HX MODEL)</b>	<b>\$2,500</b>	<b>\$3,450</b>	<b>-</b>	<b>\$6,150</b>	<b>\$9,195</b>	<b>+\$299 Upgrade</b>

\*Auto Tracking works in IP Priority Mode (Not USB or NDI<sup>®</sup>HX Priority Mode). \*\*Future support planned.  
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