








2019 PRO PTZ CAMERA LINEUP

	ENTRY-LEVEL	HD w/HDMI	HD w/SDI	HD PROFESSIONAL	4K PROFESSIONAL	PRO FULL-HD	4K PERFORMANCE	ALL WEATHER
								
	STANDARD	STANDARD		STANDARD	STANDARD	STANDARD	PERFORMANCE	OUTDOOR
MODEL	AW-HN38H	AW-HE40H	AW-HE40S	AW-HE42	AW-UE70	AW-HN130	AW-UE150	AW-HR140
NDI HX (NDI N-Series Model)	AW-HN38H	AW-HN40H	-	Upgrade Available	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)	Black (K) or White (W)	Silver
GENERAL								
Sensor	1/2.3" MOS	1/2.3" MOS		1/2.3" MOS	1/2.3" MOS	1/2.86" 3MOS	1" MOS	1/2.86" 3MOS
Optical Zoom	22x	30x		20x	20x	20x	20x	20x
i.Zoom	30x	40x		30x	30x	-	32x	-
Digital Zoom	16x	16x		12x	12x	10x	10x	10x
FOV (Horizontal)	61.6° (W) - 2.9° (T)	61.6° (W) - 2.10° (T)		65.1° (W) - 3.26° (T)	65.1° (W) - 3.26° (T)	60.2° (W) - 3.3° (T)	75.1° (W) - 4.0° (T)	60.2° (W) - 3.3° (T)
FOV (Vertical)	37.0° (W) - 1.6° (T)	37.0° (W) - 1.18° (T)		39.5° (W) - 1.83° (T)	39.5° (W) - 1.83° (T)	36.2° (W) - 1.9° (T)	46.7° (W) - 2.3° (T)	36.2° (W) - 1.9° (T)
FOV (Diagonal)	68.7° (W) - 3.3° (T)	68.7° (W) - 2.42° (T)		72.4° (W) - 3.74° (T)	72.4° (W) - 3.74° (T)	67.4° (W) - 3.8° (T)	82.8° (W) - 4.6° (T)	67.4° (W) - 3.8° (T)
Focus	Auto / Manual	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	1000 Lines
Minimum Illumination	0.35 lx	0.35 lx		0.35 lx	0.35 lx	2 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	0 dB - 42 dB
Control	Serial / IP / IR	Serial / IP / IR		Serial / IP / IR	Serial / IP / IR	Serial / IP / IR	Serial / IP / IR	Serial / IP
Power	PoE+ or AC	PoE+ or AC		PoE+ or AC	PoE+ or AC	PoE+ or AC	PoE++ or XLR	PoE++ or AC
Weight	3.30 lbs	3.30 lbs		3.30 lbs	3.30 lbs	6.83 lbs	9.24 lbs	19.8 lbs
Installation	Tripod, Wall, Ceiling	Tripod, Wall, Ceiling		Tripod, Wall, Ceiling	Tripod, Wall, Ceiling	Tripod, Wall, Ceiling	Tripod, Wall, Ceiling	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	Invertible: Ceiling or Desktop
Standard Warranty	1 Year	1 Year		1 Year	1 Year	1 Year	1 Year	1 Year
PTZ								
Pan Range	±175 degrees	±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°	-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	60°/s
Operation Noise	NC35 or Less	NC35 or Less		NC40 or Less	NC35 or Less	NC35 or Less	NC35 or Less	NC45 or Less
VIDEO OUTPUT								
LAN	✓	✓	✓	✓	✓	✓	✓	✓
NDI HX	✓	✓	✓	✓	✓ (with upgrade)	✓	✓ (with upgrade)	-
Optical Fiber	-	-	-	-	-	-	-	-
12G-SDI	-	-	-	-	-	-	✓	-
3G-SDI	-	-	-	✓	✓	✓	✓	✓
HD-SDI	-	-	✓	✓	✓	✓	✓	✓
SD-SDI	-	-	-	-	-	✓	-	-
HDMI	✓	✓	-	-	✓	✓	✓	-
Composite	-	-	-	-	-	✓	-	-
USB	✓	✓	✓	✓	✓	-	-	-
CONTROL								
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	AW-SF100 / AW-SF200
Live Stream Studio	AV-HLC100	AV-HLC100		AV-HLC100	AV-HLC100	AV-HLC100	AV-HLC100	AV-HLC100
iPad	LiveCTRL App	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	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	AK-HRP200 / AK-HRP1000 / AK-HRP1005
Compact Live Switcher	AW-HS50N	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	PTZ Camera Control Center
FEATURES								
IP Live Preview	✓	✓		✓	✓	✓	✓	✓
Simultaneous Multi-Stream	✓	✓		✓	✓	✓	✓	✓
Image Stabilization	Electronic	Electronic		Optical	Optical	Optical	Optical	Optical / D.I.S.S.
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	Up to 100
microSD Card Recording	✓	✓		✓	✓	-	-	-
High Dynamic Range (HDR)	✓	✓		✓	✓	✓	✓	-
Fanless Design	✓	✓		✓	✓	✓	✓	-
Built-in ND Filters	-	-		Auto, 1/4, 1/16, 1/6	✓	✓	1/4, 1/16, 1/64	-
Genlock	-	-		✓	✓	✓	✓	✓
Advanced Color Adjustment	-	-		✓	-	✓	✓	✓
Digital Noise Reduction (DNR)	-	-		✓	-	✓	✓	✓
High-Speed Pan/Tilt Mode	-	-		-	-	-	✓	-
HD Cropping in 4K Mode	-	-		-	-	-	✓	-
High-Wind Resistance	-	-		-	-	-	-	✓
Lens Wiper	-	-		-	-	-	-	✓
Built-In Heater / Defroster	-	-		-	-	-	-	✓
Haze Reduction	-	-		-	-	-	-	✓
Water & Dust Proof	-	-		-	-	-	-	✓
OPTIONS & ACCESSORIES								
Portable Recorder	AG-UMR20	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	FEC-140WMMR
Ceiling Mount	Included with Camera	Included with Camera		Included with Camera	Included with Camera	Included with Camera	Included with Camera	Built-into Camera
Weatherproof Enclosure	Cooled	D2CD12V40		TBD	D2CD12V70	HD12-CD	TBD	-
	Heated	D2HBMVP540		TBD	D2HBMVP570	-	TBD	-
3 Year Warranty	AG-SVCPREF2Y	AG-SVCPREF2Y		AG-SVCPREF2Y	AG-SVCPREF2Y	AG-SVCPREF2Y	AJ-SVCPREF2Y	AG-SVCPREF2Y
5 Year Warranty	AG-SVCPREM4Y	AG-SVCPREM4Y		AG-SVCPREM4Y	AG-SVCPREM4Y	AG-SVCPREM4Y	AJ-SVCPREM4Y	AG-SVCPREM4Y
On-Site Training	AJ-S09TFMCNS	AJ-S09TFMCNS		AJ-S09TFMCNS	AJ-S09TFMCNS	AJ-S09TFMCNS	AJ-S09TFMCNS	AJ-S09TFMCNS
MSRP (BASE)	\$2,200	\$3,150	\$4,150	Available Summer 2019	\$5,850	\$7,295	\$11,400	\$17,950
MSRP (NDI HX MODEL)	\$2,500	\$3,450	-	+\$299 Upgrade	\$6,150	\$7,555	+\$299 Upgrade	-

*Auto Tracking works in IP Priority Mode (Not USB or NDI|HX Priority Mode). **Future support planned.
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