



RUGGED

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		Indoor								Outdoor			
		PTZ Domes			PTZ Rapid Domes					PTZ Rapid Domes			
		E-Series	E-Series	E-Series	E-Series	E-Series	E-Series	W-Series	W-Series	E-Series	W-Series	W-Series	
Specifications		SNC-EP521	SNC-EP550	SNC-EP580	SNC-ER521	SNC-ER550	SNC-ER580	SNC-WR600	SNC-WR630	SNC-ER585	SNC-WR602C	SNC-WR632C	
Features	IR Illuminators (Typ. Range)	-	-	-	-	-	-	-	-	-	-	-	
	White Illuminators (Typ. Range)	-	-	-	-	-	-	-	-	-	-	-	
	Vandal Resist. / Ingress Prot.	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	IK10 / IP66	IK10 / IP66		
	Day/Night	Optical Day/Night						True Day/Night		True Day/Night	True Day/Night		
	Maximum Frame Rate	30fps						60fps		30fps	60fps		
	Image Stabilizer	Yes	-	-	Yes	-	-	Yes		Yes	Yes		
	Wyde Dynamic Range	DynaView (92dB WDR)	DynaView (86dB WDR)		DynaView (92dB WDR)	DynaView (86dB WDR)		View-DR (130dB WDR)		DynaView (86dB WDR)	View-DR (130dB WDR)		
	Image Enhancement	-	-	-	-	-	-	Visibility Enhancer, De-Fog		-	Visibility Enhancer, De-Fog		
Edge Storage / Card type		Yes / SD/SDHC						Yes / SD/SDHC		Yes / SD/SDHC	Yes / SD/SDHC		
Camera	Image Device	1/4-type EXview HAD CCD Sensor	1/4-type Exmor CMOS Sensor	1/2.8-type Exmor CMOS sensor	1/4-type EXview HAD CCD Sensor	1/4-type Exmor CMOS Sensor	1/2.8-type Exmor CMOS sensor	1/3-type Exmor CMOS Sensor	1/2.8-type Exmor CMOS sensor	1/2.8-type Exmor CMOS sensor	1/3-type Exmor CMOS Sensor	1/2.8-type Exmor CMOS sensor	
	Maximum Resolution	720 x 576	1280 x 720	1920 x 1080	720 x 576	1280 x 720	1920 x 1080	1280 x 720	1920 x 1080	1920 x 1080	1280 x 720	1920 x 1080	
	Min. Illumination Color *1)	50IRE 30IRE	1.4 lx 0.9 lx	1.0 lx 0.7 lx	1.7 lx 1.2 lx	1.4 lx 0.9 lx	1.0 lx 0.7 lx	1.7 lx 1.2 lx	0.2 lx 0.12 lx	0.4 lx 0.24 lx	1.7 lx 1.2 lx	0.2 lx 0.12 lx	
	Min. Illumination B/W *1)	50IRE 30IRE	0.15 lx 0.1 lx	0.1 lx 0.07 lx	0.3 lx 0.18 lx	0.15 lx 0.1 lx	0.1 lx 0.07 lx	0.3 lx 0.18 lx	0.015 lx 0.009 lx	0.03 lx 0.018 lx	0.3 lx 0.18 lx	0.015 lx 0.009 lx	
	Noise Reduction	Yes						XDNR		Yes	XDNR		
	Shutter Speed	1 to 1/10,000 s						1 to 1/10,000 s		1 to 1/10,000 s	1 to 1/10,000 s		
	Lens Type	Auto-Focus Zoom Lens						Auto-Focus Zoom Lens		Auto-Focus Zoom Lens	Auto-Focus Zoom Lens		
	Zoom Ratio Optical / Digital	36x / 12x	28x / 12x	20x / 12x	36x / 12x	28x / 12x	20x / 12x	30x / 12x		30x / 12x	30x / 12x		
Lens	Angle of View (H)	57.8° to 1.7°	55.9° to 2.1°	55.4° to 2.9°	57.8° to 1.7°	55.9° to 2.1°	55.4° to 2.9°	58.3° to 2.1°	63.7° to 2.3°	55.9° to 2.1°	58.3° to 2.1°	63.7° to 2.3°	
	Focal Length	f = 3.4 to 122.4 mm	f = 3.5 to 98.0 mm	f = 4.7 to 94.0 mm	f = 3.4 to 122.4 mm	f = 3.5 to 98.0 mm	f = 4.7 to 94.0 mm	f = 4.3 to 129.0 mm		f = 4.3 to 129.0 mm	f = 4.3 to 129.0 mm		
	F-Number (Wide to Tele)	F1.6 to F4.5	F1.35 to F3.7	F1.6 to F3.5	F1.6 to F4.5	F1.35 to F3.7	F1.6 to F3.5	F1.6 to F4.7		F1.6 to F4.7	F1.6 to F4.7		
	Pan / Tilt Range	340° / 105°			360° endless / 210° with Auto-Flip			360° endless / 220° with Auto-Flip		360° endless / 210° with Auto-Flip	360° endless / 220° with Auto-Flip		
	Video Compression Format	H.264, MPEG-4, JPEG Dual Streaming						H.264, JPEG		H.264, MPEG-4, JPEG	H.264, JPEG		
	Streaming Capability *2)							Triple Streaming		Dual Streaming	Triple Streaming		
Codec	Max. Frame Rate / Resolution	25fps (720 x 576)	30fps (1280 x 720)	30fps (1920 x 1080)	25fps (720 x 576)	30fps (1280 x 720)	30fps (1920 x 1080)	60fps (1280 x 720)	60fps (1920 x 1080)	30fps (1920 x 1080)	60fps (1280 x 720)	60fps (1920 x 1080)	
	Audio Compression	G.711 / G.726						G.711 / G.726 / AAC (16kHz, 48kHz)		G.711 / G.726	G.711 / G.726 / AAC (16kHz, 48kHz)		
Analysis	Intelligent Motion Detection	Yes						Yes		Yes	Yes		
	Scene Analytics	-	-	-	-	-	-	Yes		-	Yes		
	Face Detection / Tamper Alarm	- / Yes						Yes / Yes		- / Yes	Yes / Yes		
Net.	IEEE 802.1x Authentication	Yes						Yes		Yes	Yes		
	Ethernet	10/100 (RJ-45)						10/100 (RJ-45)		10/100 (RJ-45)	10/100 (RJ-45)		
Interface	WLAN Imbedded / Prepared	-	-	-	-	-	-	-	-	-	-	-	
	Audio In	Microphone						Microphone / Line		Microphone	Microphone / Line		
	Audio Line Out	1x						1x		1x	1x		
	Analog Video Out	-	-	-	-	-	-	Video Out		-	Video Out		
	HDMI Out	-	-	-	-	-	-	-		-	-		
	Alarm Out / Sensor In	1x / 2x							2x / 4x		1x / 2x	2x / 4x	
	PIR Sensor	-	-	-	-	-	-	-		-	-		
General	Power Requirement	HPoE IEEE802.3at, AC 24V						HPoE IEEE802.3at, AC 24V, DC 12V		AC 24V	HPoE+ *4, AC 24V		
	Power Consumption	25 W max.						25 W max.		76 W max. (24V only)	80 W max. (24V only)		
	Operating Temperature	-5 °C to +50 °C						-5 °C to +50 °C		-40 °C to +60 °C *5	-40 °C to +50 °C *5		
	Dimensions (approx.)	ø 147.4 x 190.9 mm						ø 146 x 205 mm		ø 222 x 324 mm	ø 222 x 324 mm		