

SONY

Video Security IP Line-up 2014/V1



IPELA
ENGINE

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		Indoor																
		Fixed Camera										Mini Dome						
		C-Series	C-Series	X-Series	X-Series	E-Series	E-Series	E-Series	E-Series	V-Series	V-Series	V-Series	X-Series	X-Series	X-Series	X-Series		
Specifications		SNC-CX600	SNC-CX600W	SNC-CH110	SNC-CH210	SNC-EB600B	SNC-EB600	SNC-EB630B	SNC-EB630	SNC-VB600	SNC-VB630	SNC-VB635	SNC-DH110	SNC-DH110T	SNC-DH210	SNC-DH210T		
Features	IR Illuminators (Typ. Range)		White LED (3m)		-	-	-	-	-	-	-	-	-	-	-	-	-	
	Vandal Resist. / Ingrss Prot.		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	IK10 / -	- / -	IK10 / -	
	Day/Night		Electrical Day/Night		Electrical Day/Night		Electrical Day/ Night	Optical Day/ Night	Electrical Day/ Night	Optical Day/ Night	Optical Day/Night		Electrical Day/Night					
	Maximum Frame Rate		30fps		30fps		30fps		30fps		60fps		30fps					
	Image Stabilizer		Yes		-	-	Yes		Yes		Yes		-	-	-	-		
	Dynamic Range		> 60dB		-	-	View-DR (90dB WDR)	View-DR (130dB WDR)	View-DR (90dB WDR)		View-DR (130dB WDR)	View-DR (90dB WDR)		-	-	-	-	
	Image Enhancement		Visibility Enhancer		-	-	Visibility Enhancer		Visibility Enhancer		Visibility Enhancer		-	-	-	-		
	Edge Storage / Card slot		Yes / micro SD		- / -	-	- / -	- / -	- / -	- / -	Yes / SD/SDHC		- / -	- / -	- / -	- / -		
Camera	Image Device		1/4" Exmor CMOS Sensor		1/3.8" CMOS Sensor	1/2.8" Exmor CMOS Sensor	1/3" Exmor CMOS Sensor		1/2.9" Exmor CMOS Sensor		1/3" Exmor CMOS Sensor	1/2.9" Exmor CMOS Sensor	1/1.9" Exmor CMOS Sensor	1/3.8" CMOS Sensor		1/2.8" Exmor CMOS Sensor		
	Maximum Resolution		1280 x 720		1280 x 960	2048 x 1536	1280 x 1024		1920 x 1080		1280 x 1024	1920 x 1080		1280 x 960		2048 x 1536		
	Min. Illumination Color *2)	50IRE	1.0 lx		5.0 lx	2.0	0.05 lx		0.1 lx		0.05 lx	0.1 lx	0.04 lx	5.0 lx	5.5 lx	2.0 lx	2.3 lx	
		30IRE	0.5 lx		2.7 lx	1.5 lx	0.03 lx		0.06 lx		0.03 lx	0.06 lx	0.02 lx	2.7 lx	3.0 lx	1.5 lx	1.7 lx	
	Min. Illumination B/W *2)	50IRE	-	-	-	-	0.04 lx		0.07 lx		0.04 lx	0.07 lx	0.03 lx	-	-	-	-	
		30IRE	-	-	-	-	0.02 lx		0.05 lx		0.02 lx	0.05 lx	0.01 lx	-	-	-	-	
	Noise Reduction		XDNR		Yes		XDNR		XDNR		XDNR		XDNR		Yes			
	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		1 to 1/10.000 s		1 to 1/10.000 s		1 to 1/10.000 s			
Lens	Lens Type		Built-In Fixed Lens		Built-In Fixed Lens		CS Mount Vari-Focal Lens		CS Mount Vari-Focal Lens		CS Mount Vari-Focal Lens		C mount (Lens not included)	Built-In Fixed Lens				
	Zoom Ratio		-	-	-	-	Optical Zoom 2.7x, Digital Zoom 4x		Optical Zoom 2.9x, Digital Zoom 4x		Optical Zoom 2.9x, Digital Zoom 4x		-	-	-	-		
	Angle of View (H)		120°		80.7°	88°	92.5° to 35.7°		114.2° to 40.0°		100° to 35.7°	114.2° to 40.0°	-	80.7°		88°	86°	
	Focal Length		f = 1.83 mm		f = 2.34 mm	f = 3.3 mm	f = 3.0 to 8.0 mm		f = 2.8 to 8.0 mm		f = 2.8 to 8.0 mm		-	f = 2.34 mm		f = 3.3 mm		
	F-Number (Wide to Tele)		F2.0		F2.8	-	F1.0 to F1.56		F1.2 to F1.95		F1.2 to F1.95		-	F2.8				
	Pan / Tilt Range		- / -		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Appr. 340° / 57°		Appr. 340° / 60°		
Codec	Video Compression Format		H.264, JPEG		H.264, MPEG-4, JPEG		H.264, JPEG		H.264, JPEG		H.264, JPEG		H.264, MPEG-4, JPEG					
	Streaming Capability *3)		Triple Streaming		Dual Streaming		Triple Streaming		Triple Streaming		Triple Streaming		Dual Streaming					
	Max. Frame Rate / Resolution		30fps (1280 x 720)		30fps (1280 x 720)	15fps (1920 x 1080)	30fps (1280 x 1024)		30fps (1920 x 1080)		30fps (1280 x 1024)	60fps (1920 x 1080)		30fps (1280 x 720)		15fps (1920 x 1080)		
	Audio Compression		G.711 / G.726 / AAC (16kHz, 48kHz)		-	-	-	-	-	-	G.711 / G.726 / AAC (16kHz, 48kHz)		-	-	-	-		
Analytics	Intelligent Motion Detection		Yes		Yes		Yes		Yes		Yes		Yes					
	Intelligent Motion Filtering		Yes		-	-	Yes		Yes		Yes		-	-	-	-		
	Face Detec. / Tamper Alarm		Yes / Yes		- / -	- / -	Yes / Yes		Yes / Yes		Yes / Yes		- / -	- / -	- / -	- / -		
Netw.	IEEE 802.1x Authentication		Yes	Yes (wired only)	Yes		Yes		Yes		Yes		Yes					
Interface	Ethernet / WLAN		10/100 (RJ-45)	10/100 (RJ-45) / Yes (IEEE802.11b/g/n)	10/100 (RJ-45)		10/100 (RJ-45)		10/100 (RJ-45)		10/100 (RJ-45)		10/100 (RJ-45)					
	Audio In		Built-in Mic		-	-	-	-	-	-	Microphone / Line		-	-	-	-		
	Audio Line Out		Built-in Speaker		-	-	-	-	-	-	1x		-	-	-	-		
	Analog Video Out		-	-	Monitor out *4) *3)		Monitor out *4)		Monitor out *4)		Video Out		Monitor out *4) *3)					
	Alarm Out / Sensor In		- / -	- / -	- / 1x		- / -	- / -	- / -	- / -	2x / 2x		- / 1x					
	PIR Sensor		Yes		-	-	-	-	-	-	-	-	-	-	-	-		
	General	Power Requirement		PoE IEEE802.3af	DC 5V	PoE IEEE802.3af		PoE IEEE802.3af		PoE IEEE802.3af		PoE IEEE802.3af, AC 24V, DC 12V		PoE IEEE802.3af				
Power Consumption		5.0 W max.		2.4 W max.		5.0 W max.		5.0 W max.		6.0 W max.		2.4 W max.						
Operating Temperature		0 °C to +50 °C	0 °C to +40 °C (wired only)	0 °C to +50 °C		-10 °C to +50 °C		-10 °C to +50 °C		-10 °C to +50 °C		-10 °C to +60 °C	0 °C to +50 °C	-10 °C to +50 °C	0 °C to 50 °C	-10 °C to +50 °C		
Dimensions (approx.)		61 x 95 x 41 mm		ø 44 x 93 mm		72 x 63 x 188 mm (with lens)		72 x 63 x 199 mm (with lens)		72 x 63 x 199 mm (with lens)		79 x 74 x 145 mm	ø 106 x 50.5 mm	ø 106 x 56.5 mm	ø 106 x 50.5 mm	ø 106 x 56.5 mm		

Indication: *1) Not supported when the camera is powered via PoE. ***2)** Open Aperture, View-DR OFF, VE OFF, AGC ON/Max. 1/30s, 30fps (if applicable). ***3)** Refer to the Operation Manual & release notes for details of how this interacts with other features. ***4)** The monitor output is intended for installation purpose

only. Display ratio 4:3. ***5)** Power supply is generated from PowerDesine® 9501G by using 4 wires. ***6)** Heater enabled. ***7)** -40C is only supported with 24V AC. When HPoE (IEEE 802.3af) is used min operating temperature is -10C. ***8)** -40C is only supported with 24V AC. When HPoE+ is used min operating temperature is -5C.

WARRANTY - All Sony Video Security Cameras come with a three year Prime Support Warranty with the option of registering this warranty for an additional two years.



                     
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Extra peace of mind with PrimeSupport

Your investment in Video Security with Sony is safeguarded with PrimeSupport. Offered in addition to the standard manufacturer's warranty, our unique after-sales service provides extra protection to keep you up and running, plus valuable peace of mind.

All network cameras and encoders are covered by 3 years PrimeSupport. This offers telephone assistance via our multilingual hot-line, plus no-cost replacement in the event of a faulty unit. IP Recorders and VMS Software are offered with 1 year PrimeSupport as standard.

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