

Coaxial Full HD Selection Guide

| AHD | HDTVI | HDCVI | EX-SDI/HD-SDI | DVR |

SHANY

2017 APR.



Full HD 1080P



Starlight



True WDR



Motorized Zoom



3.5X/10X/20X Zoom



DVR

Coaxial Full HD

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	Indoor Dome	Indoor IR Dome			Vandal IR Dome	IR Bullet
Model						
Name	SAC-52A	SAC-L522M	SAC-L525M	SAC-L527M	SAC-L526M	SAC-L529M
Image	1/3" Sony 2.4 Megapixel Progressive Exmor CMOS					
Video Frame Rate (Maximum)	1920x1080p@25/30fps					
Minimum Illumination	Color: 0.05Lux@F1.2, B/W: 0.02Lux@F1.2, Sense-up: 0.001Lux@F1.2					Color: 0.1Lux@F2.0, B/W: 0.05Lux@F2.0, IR On: 0Lux@F2.0
Video Output	AHD or Composite Switchable					
IR LED; Working Distance(Meter)	N/A	15 Units ; 8~12M	24 Units(24pcs Hi-Bright) ; 15~20M	15 Units ; 8~12M	24 Units(24pcs Hi-Bright) ; 12~15M	24 Units(24pcs Hi-Bright) ; 12~15M
S/N Ratio	52dB					
OSD Menu	N/A					
Day & Night Mode	Auto					
Auto Electronic Shutter	Auto 1/25 (1/30~1/50,000 Sec)					
White Balance	ATW					
WDR	D-WDR					
Dynamic Noise Reduction	3DNR / 2DNR					
Sense Up	Auto					
Lens Shading Compensation	Auto					
Lens Mount	M12					
Lens, Angle of View(H)	f3.6mm					
Water Resistance; Max. Breaking Strength	N/A	N/A	IP66	IP66	IP66	IP66
Power Supply; Consumption	12Vdc ; 2.0W	12Vdc ; 3.6W, LED On: 8W	12Vdc ; 3.6W, LED On: 8W	12Vdc ; 3.6W, LED On: 8W	12Vdc ; 3.6W, LED On: 8W	12Vdc ; 3.6W, LED On: 8W
Operation; Storage Temp.	-10°C~50°C ; -20° C~60°C					
Operation; Storage Humidity	Maximum: RH80% ; RH90%					
Dimensions	106(DIA)x60mm	85(DIA)x50mm	106(DIA)x95mm	104(DIA)x78mm	119(DIA)x88mm	81x137x152mm
Net Weight	250g	250g	275g	400g	700g	700g

Specifications are subject to change without notice.

	IR Box	Indoor Dome	Indoor IR Dome	Vandal IR Dome	IR Bullet	
Model	 ICR	 SHANY	 SHANY ICR	 SHANY ICR IK10 IP66	 SHANY IP66	 SHANY IP66
Name	SAC-WD2205M	SAC-WD2202	SAC-WDL2202M	SAC-WDL2203M	SAC-WDL22042M	SAC-WDL22043M
Image Sensor	1/3" Sony 2.4 M Exmor Sensor					
Video Frame Rate (Maximum)	Full HD 1920x1080P@25/30fps (AHD)					
Minimum Illumination	Color:0.05Lux@F1.4, B/W:0.02Lux@F1.4, Sense-up:0.001Lux@F1.4					
Wide Dynamic Range	D-WDR					
Video Output	AHD / CVBS Switchable					
IR LED; Working Distance(Meter)	N/A	N/A	30pcs Hi-Brigh, 15-20M	30pcs (4pcs Hi-Power, 26pcs Hi-Bright), 15-20M	30pcs (2pcs Hi-Power, 18pcs Hi-Bright), 15-18M	30pcs (4pcs Hi-Power, 26pcs Hi-Bright), 20-25M
OSD Menu	OSD / CoC (Via the Coax)					
Day & Night Mode	Color / B&W / Auto / IR Sync					
Auto Electronic Shutter	1/25(30)~1/50,000 sec ; Outdoor: Max Shutter Adjustable					
Manual Electronic Shutter	1/25(30), 1/50(60), FLK, 1/240, 1/480, 1/1000, 1/2000, 1/5000, 1/10000, 1/50000 sec					
White Balance	Indoor / Outdoor / ATW / AWB / AWC / Manual					
WDR; BLC; HLC	Auto / On / Off ; HSBLC: On / Off / Level					
Fog Reduction	Auto / Off					
Dynamic Noise Reduction	3DNR / 2DNR					
Sense Up	On (x2,x4,x6,x8,x10,x15,x20,x25,x30) / Off					
Language	ENG, JPN, CHN, GER, FRA, ITA, SPA, POL, RUS, POR, NED, TUR, KOR, HEB, ARB					
Image Setting	Freeze / Mirror / V-Flip / Rotate / Neg.Image					
Privacy Zone Mask	4 Zones Programmable					
Motion Detection	On: Sensitivity, Programmable / Off					
Lens Shading Compensation	On / Off					
Automatic IRIS; Connector	DC	DC	DC	DC	DC	DC
Lens Adapter	Built-in Varifocal Lens	Built-in Varifocal Lens	Built-in Varifocal Lens	Built-in Varifocal Lens	Built-in Varifocal Lens	Built-in Varifocal Lens
Lens	f2.8~12mm	f2.8~12mm	f2.8~12mm	f2.8~12mm	f2.8~12mm	f2.8~12mm
Lens Option	N/A	N/A	N/A	N/A	N/A	f7~22mm
Water Resistance; Max. Breaking Strength	N/A	N/A	N/A	IP66; IK10	IP66	IP66
Power Supply; Consumption	12Vdc:1.2W;12Vdc/24Vac:2.2W, PoC (Option)	12Vdc:1.2W;12Vdc/24Vac:2.2W, PoC (Option)	12Vdc:7.2W;12Vdc/24Vac:8.2W, PoC (Option)	12Vdc:7.2W;12Vdc/24Vac:8.2W, PoC (Option)	12Vdc:7.2W;12Vdc/24Vac:8.2W, PoC (Option)	12Vdc:7.2W;12Vdc/24Vac:8.2W
Operation; Storage Temp.	-10° C~50° C ; -20° C~60° C	-10°C~50°C ; -20°C~60°C	-10°C~50°C ; -20°C~60°C	-10°C~50°C ; -20°C~60°C	-10°C~50°C ; -20°C~60°C	-10° C~50°C ; -20° C~60°C
Operation; Storage Humidity	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%
Dimensions	55(W)x46(H)x144(L)mm	124(DIA)x102mm	140(DIA)x112mm	140(DIA)x112mm	80(DIA)x160mm	89(DIA)x168mm
Net weight	400g	320g	550g	1000g	520g	700g

	IR BOX	Indoor Dome	Indoor IR Dome	Vandal IR Dome	IR Bullet	Motorized Zoom	
Model	 ICR 54dB	 SHANY 54dB	 SHANY 54dB	 SHANY IK10 IP66 54dB	 SHANY IP66 54dB	 SHANY IK10 IP66 54dB	 SHANY IP66 54dB
Name	SAC-WD3201M	SAC-WD3202	SAC-WDL3202M	SAC-WDL3203M	SAC-WDL32043M	SAC-WDL3203MV	SAC-WDL32043MV
Video System	PAL / NTSC Selectable						
Image Sensor	1/3" Sony 2.4M Exmor Sensor						
Video Frame Rate (Maximum)	1920X1080p@25/30fps, 1280x720p@30fps						
Minimum Illumination	Color:0.05Lux@F1.2, B/W:0.02Lux@F1.2, Sense-up:0.001Lux@F1.2						
Video Output	Simultaneous Video Output, AHD and CVBS (Composite)						
IR LED; Working Distance(Meter)	N/A	N/A	30pcs Hi-Bright; 15-20M	30pcs Hi-Bright, 12~15M Option: 4pcs Hi-Power + 26pcs Hi-Bright, 15~20M	30pcs Hi-Bright, 20-25M Option: 6pcs Hi-Power, 24pcs Hi-Bright, 20~30M	30pcs (4pcs Hi-Power, 26pcs Hi-Bright) 20-25M	30pcs Hi-Bright, 16~20M Option: 6pcs Hi-Power + 24pcs Hi-Bright, 20~30M
OSD Menu	OSD / CoC (Via the Coax / Applied to non-PoC models)						
Day & Night Mode	Color / B&W / Auto / External						
Auto Electronic Shutter	1/25(30) ~1/30, 000 Sec; Flickerless						
Manual Electronic Shutter	1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 Sec						
White Balance	ATW / AWB / PWB(Push Lock) / Manual						
WDR; BLC; HLC	High (Max 90db) / Middle / Low / Off ; Program ; On / Off						
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low						
DNR	High / Middle / Low / Off						
Sense up	On (x2, x4, x8, x16, x32) / Off						
Language	English, Japanese, Traditional Chinese, Simplified Chinese						
E-Zoom	1.0x~8.0x (step 0.1)						
Image Effects	Sharpness / Mirror / Flip						
Privacy Zone Masks	16 Zones Programmable						
Motion Detection	On: Sensitivity, Programmable / Off						
Lens Shading Compensation	On / Off						
Automatic IRIS; Connector	DC ; D4 IRIS Jack						
Lens	N/A	f2.8~12mm	f2.8~12mm	f2.8~12mm	f2.8~12mm	Motorized f2.8~12mm	Motorized f2.8~12mm
Lens Option	N/A	N/A	N/A	N/A	N/A	Motorized f7.0~22mm	Motorized f7.0~22mm
Water Resistance; Max. Breaking Strength	N/A	N/A	N/A	IP66; IK10	IP66	IP66; IK10	IP66
Power Supply; Consumption	12Vdc: 1.2W, 12Vdc/24Vac: 2.2W, PoC (Option)	12Vdc: 1.2W, 12Vdc/24Vac: 2.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W
Operation; Storage Temp.	-10° C~50° C ; -20° C~60° C						
Operation; Storage Humidity	Maximum: RH80% ; RH90%						
Dimensions	62(W)x56(H)x120(L)mm	140(DIA)x112mm	140(DIA)x112mm	140(DIA)x112mm	89(DIA)x168mm	140(DIA)x112mm	89(DIA)x168mm
Net Weight	350g	500g	550g	1000g	700g	1000g	700g

Specifications are subject to change without notice.

	IR Box	Indoor Dome	Indoor IR Dome	Vandal IR Dome	IR Bullet	Motorized Zoom	
Model	 ICR 120dB	 120dB	 ICR 120dB	 ICR IK10 IP66 120dB	 ICR IP66 120dB	 ICR IK10 IP66 120dB	 ICR IP66 120dB
Name	SAC-HD5201M	SAC-HD5202	SAC-HDL5202M	SAC-HDL5203M	SAC-HDL52043M	SAC-HDL5203MV	SAC-HDL52043MV
Video System	PAL / NTSC Selectable						
Image Sensor	1/3" Sony 2.1M STARVIS Sensor						
Video Frame Rate (Maximum)	1080P@25/30fps ; 720P@25/30fps						
Minimum Illumination	0.02Lux@F1.2, B/W: 0.005Lux@F1.2, Sense-up:0.001Lux@F1.2						
Digital Video Output	Simultaneous Video Output, AHD and CVBS (Composite)						
Analog Video Output	CVBS (1.0Vp-p Composite, 75Ω)						
IR LED ; Working Distance(Meter)	N/A	N/A	30pcs Hi-Bright; 20-25M	30pcs Hi-Bright, 16~20M Option: 4pcs Hi-Power + 26pcs Hi-Bright, 20~25M	30pcs Hi-Bright, 25~30M Option: 6pcs Hi-Power + 24pcs Hi-Bright, 30~40M	30pcs (4pcs Hi-Power, 26pcs Hi-Bright), 30-40M	30pcs (4pcs Hi-Power, 26pcs Hi-Bright), 30-40M
OSD Menu	OSD / CoC (Via the coax)						
Digital Day & Night Mode	Color / B&W / Auto / IR Sync						
Electronic Shutter	Auto 1/25(30)~1/30, 000 Sec, Flickerless; Manual: 1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 Sec						
Auto Gain Control	0~20 Steps						
White Balance	ATW / AWB / PWB (Push Lock) / Manual						
HDR; BLC; HLC	High (Max 120db) / Middle / Low / Off ; Program ; On / Off						
Flickerless	On / Off						
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low						
Dynamic Noise Reduction	3D / 2D						
Sense Up	On (x2, x4, x8, x16, x32) / Off						
Language	English, Japanese, Traditional Chinese, Simplified Chinese						
E-Zoom	1.0~8x (step 0.1)						
Image Setting	Sharpness / Mirror / Flip						
Privacy Zone Mask	16 Zones Programmable						
Motion Detection	On: Sensitivity, Programmable / Off						
Lens	N/A	f2.8~12mm	f2.8~12mm	f2.8~12mm	f2.8~12mm	Motorized f2.8~12mm	Motorized f2.8~12mm
Lens Options	N/A	N/A	N/A	N/A	N/A	Motorized f7.0~22mm	Motorized f7.0~22mm
Water Resistance ; Max. Breaking Strength	N/A	N/A	N/A	IP66 ; IK10	IP66	IP66 ; IK10	IP66
Power Supply; Consumption	12Vdc, Option: PoC ; 3.36W	12Vdc: 1.2W, 12Vdc/24Vac: 2.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W
Operation; Storage Temp.	-10°C~ 50°C ; -20° C~ 60° C	-10°C~50°C ; -20°C~60°C	-10°C~50°C ; -20°C~60°C	-10°C~50°C ; -20°C~60°C	-10° C~50°C ; -20°C~60°C	-10° C~50°C ; -20° C~60° C	-10°C~50°C ; -20°C~60°C
Operation; Storage Humidity	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%
Dimensions	120(L)x56(H)x67(W)mm	140(DIA)x112mm	140(DIA)x112mm	140(DIA)x112mm	89(DIA)x168mm	140(DIA)x112mm	89(DIA)x168mm
Net Weight	400g	500g	550g	1000g	700g	1000g	700g

AHD 3.5X Smart Zoom

HDR / Smart Zoom

	IR Bullet	Vandal IR Dome	IR Bullet	Vandal IR Dome	IR Bullet	Vandal IR Dome
Model						
Name	AZC-WD429BM	AZC-WD427M	AZC-WDL329CM	AZC-WD327M	AZC-HDL529CM	AZC-HDL527M
Video System	PAL / NTSC Selectable					
Image Sensor	1/3" Panasonic 2.1M CMOS Sensor		1/3" Sony 2.4M Exmor CMOS Sensor		1/3" Sony 2.0M STARVIS CMOS Sensor	
Video Frame Rate (Maximum)	1920x1080P@25/30fps					
Minimum Illumination	Color: 0.1 Lux, B/W: 0.06 Lux, IR On: 0 Lux @F1.6		Color: 0.1 Lux, B/W: 0.06 Lux, IR On: 0 Lux @F1.6		Color: 0.06 Lux, B/W: 0.03 Lux, IR On: 0 Lux @F1.6	
Digital Video Output	AHD 1080P					
Analog Video Output	N/A	CVBS (1.0Vp-p Composite, 75Ω)				
IR LED; Working Distance(Meter)	6pcs Array Type LEDs	14pcs(14pcs Hi-Bright), 12-15M	30pcs Hi-Bright (OSRAM LEDs), 15-20M	14pcs(14pcs Hi-Bright), 12-15M	30pcs Hi-Bright (OSRAM LEDs), 20-25M	14pcs(14pcs Hi-Bright), 15~20M
OSD Menu	OSD Control / CoC					
Day & Night Mode	Color / B&W / Auto / IR Sync					
Electronic Shutter	Auto 1/25(30)~1/30, 000 Sec, Manual: 1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 Sec					
Auto Gain Control	0~20 steps					
White Balance	ATW / AWB / PWB(Push Lock) / Manual					
WDR(HDR); BLC; HLC	High (Max 90db) / Middle / Low / Off ; Program ; On / Off					
Flickerless	N/A					
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low					
Dynamic Noise Reduction	High / Middle / Low / Off					
Sense Up	On (x2, x4, x8, x16, x32) / Off					
Language	English, Japanese, Traditional Chinese, Simplified Chinese					
Image Setting	Sharpness / Mirror / Flip					
Privacy Zone Mask	Privacy Zone Mask 16 Zones Programmable					
Motion Detection	On: Sensitivity, Programmable / Off					
Lens	3.5X Optical Zoom f3.0mm(Wide)~10.5mm(Tele), F1.6					
Angle of View	H: 92°(Wide) ~ 29°(Tele), V: 52°(Wide) ~ 16.5°(Tele)					
Minimum Working Distance	1 Meter					
Focusing System	Smart Zoom & Auto Focus; Day / Night Focus Preset					
Water Resistance; Max. Breaking Strength	IP66	IP66	N/A	N/A	IP66	IP66
Power Supply; Consumption	12Vdc/650mA; 7.8W (TBD)	12Vdc/650mA; 7.8W	12Vdc/400mA; 4.8W	12Vdc/400mA; 4.8W	12Vdc/650mA; 7.8W	12Vdc/650mA; 7.8W
Operation; Storage Temp.	-10°C ~ 50°C; -20°C ~ 60°C					
Operation; Storage Humidity	Maximum: RH80% ; RH90%					
Dimensions	77(DIA) x136.7mm	133(DIA) x 101mm	101.4 x 87.3 x 280.3mm	133(DIA) x 101mm	101.4 x 87.3 x 280.3mm	133(DIA) x 101mm
Net Weight	400g	700g	640g	700g	640g	700g

Specifications are subject to change without notice.

	IR Box	IR Bullet		IR Box	IR Bullet	
Model	 ICR 120dB	 ICR IP66 120dB	 LPR ICR IP66 120dB	 ICR 120dB	 ICR IP66 120dB	 ICR IP66 120dB
Name	AZC-HD4210MA1	AZC-HDL4210MD	AZC-HDL4210MD-C	AZC-HDL5210MA1	AZC-HDL5210MD	AZC-HDL5210MD-C
Video System	PAL / NTSC Selectable					
Image Sensor	1/3" Panasonic 2.1M CMOS Sensor			1/3" Sony 2.0M STARVIS CMOS Sensor		
Video Frame Rate (Maximum)	1920x1080P@25/30fps ; 1280x720P@25/30FPS					
Minimum Illumination	Color: 0.05Lux@F1.8, B/W: 0.02Lux@F1.8	Color: 0.05Lux@F1.8, B/W: 0.02Lux@F1.8, IR On: 0Lux@F1.8		Color: 0.02Lux@F1.8, B/W: 0.005Lux@F1.8	Color: 0.02Lux@F1.8, B/W: 0.005Lux@F1.8 IR On: 0Lux@F1.8	
Digital Video Output	AHD 1080p					
Analog Video Output	CVBS (1.0Vp-p Composite, 75Ω)					
IR LED; Working Distance(Meter)	N/A	30pcs(6pcs Hi-Power, 24pcs Hi-Bright), 20~30M	30pcs(6pcs Hi-Power, 24pcs Hi-Bright), 20~30M	N/A	30pcs(6pcs High Power, 24pcs Hi-Bright), 30~40M	30pcs(6pcs High Power, 24pcs Hi-Bright), 30~40M
OSD Menu	OSD Control / CoC					
Day & Night Mode	Color / B&W / Auto / IR Sync					
Electronic Shutter	Auto1/25(30)~1/30, 000 Sec, Flickerless; Manual: 1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000,1/4000, 1/8000, 1/16000, 1/30000 Sec					
Auto Gain Control	0~20 steps					
White Balance	ATW / AWB / PWB(Push Lock) / Manual					
WDR(HDR); BLC; HLC	High (Max 120db) / Middle / Low / Off ; Program ; On / Off					
Flickerless	PAL 50Hz / NTSC 60Hz / Off					
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low					
Dynamic Noise Reduction	High / Middle / Low / Off					
Sense Up	On (x2, x4, x8, x16, x32) / Off					
Language	English, Japanese, Traditional Chinese, Simplified Chinese					
Image Setting	Sharpness / Mirror / Flip					
Privacy Zone Mask	16 Zones Programmable					
Motion Detection	On: Sensitivity, Programmable / Off					
Lens	10X Optical Zoom f5.0mm(Wide)~50mm(Tele)					
Angle of View	xH:49.38° (Wide)~5.30° (Tele)					
Minimum Working Distance	1 Meter					
Focusing System	Smart Zoom & Auto Focus					
LPR Function	N/A	N/A	D/N Preset	N/A	N/A	D/N Preset
Water Resistance ; Max. Breaking Strength	N/A	IP66	IP66	N/A	IP66	IP66
Power Supply; Consumption	12Vdc ; 3.36W	12Vdc ; 6.36W	12Vdc ; 6.36W	12Vdc ; 3.36W	12Vdc ; 6.36W	12Vdc ; 6.36W
Operation; Storage Temp.	-10° C ~ 50° C ; -20° C ~ 60° C					
Operation; Storage Humidity	Maximum: RH80% ; RH90%					
Dimensions	55(W)x46(H)x144(L)mm	89(DIA) x 168(L)mm	89(DIA) x 168(L)mm	55(W)x46(H)x144(L)mm	89(DIA) x 168(L)mm	89(DIA) x 168(L)mm
Net Weight	400g	700g	700g	400g	700g	700g

HDTV Entry

Fixed IRIS / CoC

	Indoor Dome	Indoor IR Dome			Vandal IR Dome	IR Bullet
Model						
Name	STC-52A	STC-L522M	STC-L525M	STC-L527M	STC-L526M	STC-L529M
Image	1/3" Sony 2.4 Megapixel Progressive Exmor CMOS					
Video Frame Rate (Maximum)	1920x1080p@25/30fps					
Minimum Illumination	Color: 0.1Lux@F2.0, B/W: 0.05Lux@F2.0	Color: 0.1Lux@F2.0, B/W: 0.05Lux@F2.0, IR On: 0Lux@F2.0	Color: 0.1Lux@F2.0, B/W: 0.05Lux@F2.0, IR On: 0Lux@F2.0	Color: 0.1Lux@F2.0, B/W: 0.05Lux@F2.0, IR On: 0Lux@F2.0	Color: 0.1Lux@F2.0, B/W: 0.05Lux@F2.0, IR On: 0Lux@F2.0	Color: 0.1Lux@F2.0, B/W: 0.05Lux@F2.0, IR On: 0Lux@F2.0
Video Output	HDTV					
IR LED; Working Distance(Meter)	N/A	15pcs, 8~12M	24pcs (24pcs Hi-Bright), 15~20M	15pcs, 8~12M	24pcs (24pcs Hi-Bright), 12~15M	24 pcs (24pcs Hi-Bright), 12~15M
S/N Ratio	52dB					
OSD Menu	N/A					
Day & Night Mode	Auto					
Auto Electronic Shutter	Auto 1/25 (1/30~1/50,000 Sec)					
White Balance	ATW					
WDR	D-WDR					
Dynamic Noise Reduction	3DNR / 2DNR					
Sense Up	Auto					
Lens Shading Compensation	Auto					
Lens Mount	M12					
Lens, Angle of View(H)	f3.6mm					
Water Resistance; Max. Breaking Strength	N/A	N/A	IP66	IP66	IP66	IP66
Power Supply; Consumption	12Vdc ; 2.0W	12Vdc ; 3.6W, LED On: 8W	12Vdc ; 3.6W, LED On: 8W	12Vdc ; 3.6W, LED On: 8W	12Vdc ; 3.6W, LED On: 8W	12Vdc ; 3.6W, LED On: 8W
Operation; Storage Temp.	-10°C~50°C ; -20° C~60°C					
Operation; Storage Humidity	Maximum: RH80% ; RH90%					
Dimensions	106(DIA)x60mm	85(DIA)x50mm	106(DIA)x95mm	104(DIA)x78mm	119(DIA)x88mm	81x137x152mm
Net Weight	250g	250g	275g	400g	700g	700g

	IR Box	Indoor Dome	Indoor IR Dome	Vandal IR Dome	IR Bullet	
Model	 ICR		 ICR	 ICR IK10 IP66	 ICR IP66	 ICR IP66
Name	STC-WD2205M	STC-WD2202	STC-WDL2202M	STC-WDL2203M	STC-WDL22042M	STC-WDL22043M
Image Sensor	1/3" Sony 2.4 Megapixel Progressive Exmor CMOS Sensor					
Video Frame Rate (Maximum)	1920x1080P @ 25/30fps					
Minimum Illumination	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0Lux@F1.4
Wide Dynamic Range	D-WDR					
Video Output	HDTVI or Composite Switchable					
IR LED ; Working Distance(Meter)	N/A	N/A	30pcs (30pcs Hi-Bright), 15-20M	30pcs (4pcs Hi-Power, 26pcs Hi-Bright), 15-20M	20pcs (2pcs Hi-Power, 18pcs Hi-Bright), 15-18M	30pcs (4pcs Hi-Power, 26pcs Hi-Bright), 20-25M
OSD Menu	OSD / CoC (Via the Coax)					
Day & Night Mode	Color / B&W / Auto / IR Sync					
Auto Electronic Shutter	1/25(30)~1/50,000 sec ; Outdoor: Max Shutter Adjustable					
Manual Electronic Shutter	1/25(30), 1/50(60), FLK, 1/240, 1/480, 1/1000, 1/2000, 1/5000, 1/10000, 1/50000 sec					
White Balance	Indoor / Outdoor / ATW / AWB / AWC / Manual					
WDR; BLC; HLC	Auto / On / Off ; HSBLC: On / Off / Level					
Fog Reduction	Auto / Off					
Dynamic Noise Reduction	3DNR / 2DNR					
Sense Up	On (x2,x4,x6,x8,x10,x15,x20,x25,x30) / Off					
Language	ENG, JPN, CHN, GER, FRA, ITA, SPA, POL, RUS, POR, NED, TUR, KOR, HEB, ARB					
Image Setting	Freeze / Mirror / V-Flip / Rotate / Neg.Image					
Privacy Zone Mask	4 Zones Programmable					
Motion Detection	On: Sensitivity, Programmable / Off					
Lens Shading Compensation	On / Off					
Automatic IRIS; Connector	DC	DC	DC	DC	DC	DC
Lens Adapter	Built-in Varifocal Lens	Built-in Varifocal Lens	Built-in Varifocal Lens	Built-in Varifocal Lens	Built-in Varifocal Lens	Built-in Motorized Lens
Lens	f2.8~12mm	f2.8~12mm	f2.8~12mm	f2.8~12mm	f2.8~12mm	f2.8~12mm
Lens Option	N/A	N/A	N/A	N/A	N/A	f7~22mm
Water Resistance; Max. Breaking Strength	N/A	N/A	N/A	IP66; IK10	IP66	IP66
Power Supply; Consumption	12Vdc:1.2W;12Vdc/24Vac:2.2W, PoC (Option)	12Vdc:1.2W;12Vdc/24Vac:2.2W, PoC (Option)	12Vdc:7.2W;12Vdc/24Vac:8.2W, PoC (Option)	12Vdc:7.2W;12Vdc/24Vac:8.2W, PoC (Option)	12Vdc:7.2W;12Vdc/24Vac:8.2W, PoC (Option)	12Vdc:7.2W;12Vdc/24Vac:8.2W
Operation; Storage Temp.	-10° C~50° C ; -20° C~60° C	-10° C~50° C ; -20° C~60° C	-10° C~50° C ; -20° C~60° C	-10° C~50° C ; -20° C~60° C	-10° C~50° C ; -20° C~60° C	-10° C~50° C ; -20° C~60° C
Operation; Storage Humidity	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%
Dimensions	55(W)x46(H)x144(L)mm	124(DIA)x102mm	140(DIA)x112mm	140(DIA)x112mm	80(DIA)x160mm	89(DIA)x168mm
Net weight	400g	320g	550g	1000g	520g	700g

	IR BOX	Indoor Dome	Indoor IR Dome	Vandal IR Dome	IR Bullet	Motorized Zoom	
Model	 ICR 54dB	 54dB	 ICR 54dB	 ICR IK10 IP66 54dB	 IP66 54dB	 ICR IK10 IP66 54dB	 IP66 54dB
Name	STC-WD3201M	STC-WD3202	STC-WDL3202M	STC-WDL3203M	STC-WDL32043M	STC-WDL3203MV	STC-WDL32043MV
Video System	PAL / NTSC Selectable						
Image Sensor	1/3" Sony 2.4 Megapixel Progressive Exmor CMOS Sensor						
Video Frame Rate (Maximum)	1920X1080p@25/30fps, 1280x720p@30fps						
Minimum Illumination	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.05Lux@F1.2, B/W: 0.02Lux@F1.2, IR On: 0Lux@F1.2	Color: 0.05Lux@F1.2, B/W: 0.02Lux@F1.2, IR On: 0Lux@F1.2
Video Output	BNC Connector (HDTVI) & Composite Simultaneous ;Composite is disabled when WDR On						
IR LED; Working Distance(Meter)	N/A	N/A	30pcs (30pcs Hi-Bright), 15-20M	30pcs Hi-Bright, 12~15M Option: 4pcs Hi-Power + 26pcs Hi-Bright, 15~20M	30pcs Hi-Bright, 20-25M Option: 6pcs Hi-Power, 24pcs Hi-Bright 20~30M	30pcs (4pcs Hi-Power, 26pcs Hi-Bright) 20-25M	30pcs Hi-Bright, 16~20M Option: 6pcs Hi-Power + 24pcs Hi-Bright, 20~30M
OSD Menu	OSD / CoC (Via the Coax / Applied to non-PoC models)						
Day & Night Mode	Color / B&W / Auto / External						
Auto Electronic Shutter	1/25(30)~1/30, 000 Sec; Flickerless						
Manual Electronic Shutter	1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 Sec						
White Balance	ATW / AWB / PWB(Push Lock) / Manual						
WDR; BLC; HLC	High (Max 90db) / Middle / Low / Off ; Program ; On / Off						
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low						
DNR	High / Middle / Low / Off						
Sense up	On (x2, x4, x8, x16, x32) / Off						
Language	English, Japanese, Traditional Chinese, Simplified Chinese						
E-Zoom	1.0x~8.0x (step 0.1)						
Image Effects	Sharpness / Mirror / Flip						
Privacy Zone Masks	16 Zones Programmable						
Motion Detection	On: Sensitivity, Programmable / Off						
Lens Shading Compensation	On / Off						
Automatic IRIS; Connector	DC ; D4 IRIS Jack						
Lens	N/A	f2.8~12mm	f2.8~12mm	f2.8~12mm	f2.8~12mm	Motorized f2.8~12mm	Motorized f2.8~12mm
Lens Option	N/A	N/A	N/A	N/A	N/A	Motorized f7.0~22mm	Motorized f7.0~22mm
Water Resistance; Max. Breaking Strength	N/A	N/A	N/A	IP66; IK10	IP66	IP66; IK10	IP66
Power Supply; Consumption	12Vdc: 1.2W, 12Vdc/24Vac: 2.2W, PoC (Option)	12Vdc: 1.2W, 12Vdc/24Vac: 2.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W
Operation; Storage Temp.	-10° C~50° C ; -20° C~60° C						
Operation; Storage Humidity	Maximum: RH80% ; RH90%						
Dimensions	62(W)x56(H)x120(L)mm	140(DIA)x112mm	140(DIA)x112mm	140(DIA)x112mm	89(DIA)x168mm	140(DIA)x112mm	89(DIA)x168mm
Net Weight	350g	500g	550g	1000g	700g	1000g	700g

	IR Box	Indoor Dome	Indoor IR Dome	Vandal IR Dome	IR Bullet	Motorized Zoom	
Model	 ICR 120dB	 120dB	 ICR 120dB	 ICR IK10 IP66 120dB	 IP66 120dB	 ICR IK10 IP66 120dB	 IP66 120dB
Name	STC-HD5201M	STC-HD5202	STC-HDL5202M	STC-HDL5303M	STC-HDL52043M	STC-HDL5303MV	STC-HDL52043MV
Video System	PAL / NTSC Selectable						
Image Sensor	1/3" Sony 2.0M STARVIS CMOS Sensor						
Video Frame Rate (Maximum)	1080P@25/30fps ; 720P@25/30fps						
Minimum Illumination	Color: 0.02Lux@F1.2, B/W: 0.005Lux@F1.2	Color: 0.02Lux@F1.4, B/W: 0.005Lux@F1.4	Color: 0.02Lux@F1.4, B/W: 0.005Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.02Lux@F1.4, B/W: 0.005Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.02Lux@F1.4, B/W: 0.005Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.02Lux@F1.4, B/W: 0.005Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.02Lux@F1.4, B/W: 0.005Lux@F1.4, IR On: 0Lux@F1.4
Digital Video Output	BNC Connector (HDTVI) & Composite Simultaneous ; Composite is disabled when WDR On						
Analog Video Output	CVBS (1.0Vp-p Composite, 75Ω)						
IR LED; Working Distance(Meter)	N/A	N/A	30pcs (30pcs Hi-Bright); 20-25M	30pcs Hi-Bright, 16~20M Option: 4pcs Hi-Power + 26pcs Hi-Bright, 20~25M	30pcs Hi-Bright, 25~30M Option: 6pcs Hi-Power + 24pcs Hi-Bright, 30~40M	30pcs (4pcs Hi-Power, 26pcs Hi-Bright); 30-40M	30pcs (4pcs Hi-Power, 26pcs Hi-Bright); 30-40M
OSD Menu	OSD Control / CoC						
Day & Night Mode	Color / B&W / Auto / IR Sync						
Electronic Shutter	Auto1/25(30)~1/30, 000 Sec, Flickerless; Manual: 1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 Sec						
Auto Gain Control	0~20 Steps						
White Balance	ATW / AWB / PWB (Push Lock) / Manual						
HDR; BLC; HLC	High (Max 120db) / Middle / Low / Off ; Program ; On / Off						
Flickerless	On / Off						
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low						
Dynamic Noise Reduction	3D / 2D						
Sense Up	On (x2, x4, x8, x16, x32) / Off						
Language	English, Japanese, Traditional Chinese, Simplified Chinese						
E-Zoom	1.0~8x (step 0.1)						
Image Setting	Sharpness / Mirror / Flip						
Privacy Zone Mask	16 Zones Programmable						
Motion Detection	On: Sensitivity, Programmable / Off						
Lens	N/A	f2.8~12mm	f2.8~12mm	f2.8~12mm	f2.8~12mm	Motorized f2.8~12mm	Motorized f2.8~12mm
Lens Options	N/A	N/A	N/A	N/A	N/A	Motorized f7.0~22mm	Motorized f7.0~22mm
Water Resistance; Max. Breaking Strength	N/A	N/A	N/A	IP66; IK10	IP66	IP66 ; IK10	IP66
Power Supply ; Consumption	12Vdc, Option: PoC ; 3.36W	12Vdc: 1.2W, 12Vdc/24Vac: 2.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W
Operation; Storage Temp.	-10°C~ 50°C ; -20° C~ 60° C	-10°C~50°C ; -20°C~60°C	-10°C~50°C ; -20°C~60°C	-10° C~50°C ; -20° C~60°C	-10° C~50°C ; -20°C~60°C	-10° C~50°C ; -20° C~60° C	-10°C~50°C ; -20°C~60°C
Operation; Storage Humidity	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%
Dimensions	120(L) x 56(H) x 67(W)mm	140(DIA)x112mm	140(DIA)x112mm	140(DIA)x112mm	89(DIA)x168mm	140(DIA)x112mm	89(DIA)x168mm
Net Weight	400g	500g	550g	1000g	700g	1000g	700g

HDTVI 10X Smart Zoom

HDR / Smart Zoom / LPR

	IR Box		IR Bullet		IR Box	IR Bullet	
Model	 ICR 120dB	 ICR IP66 120dB	 LPR ICR IP66 120dB	 ICR 120dB	 ICR IP66 120dB	 LPR ICR IP66 120dB	
Name	TZC-HD4210MA1	TZC-HDL4210MD	TZC-HDL4210MD-C	TZC-HDL5210MA1	TZC-HDL5210MD	TZC-HDL5210MD-C	
Video System	PAL / NTSC Selectable						
Image Sensor	1/3" PanasOnic 2.1M CMOS Sensor			1/3" Sony 2.0M STARVIS CMOS Sensor			
Video Frame Rate (Maximum)	1920x1080P@25/30fps ; 1280x720P@25/30FPS						
Minimum Illumination	Color: 0.05Lux@F1.8, B/W: 0.02Lux@F1.8	Color: 0.05Lux@F1.8, B/W: 0.02Lux@F1.8, IR On: 0Lux@F1.8		Color: 0.02Lux@F1.8, B/W: 0.005Lux@F1.8	Color: 0.02Lux@F1.8, B/W: 0.005Lux@F1.8 IR On: 0Lux@F1.8		
Digital Video Output	BNC Connector (HDTVI) & Composite Simultaneous ; Composite is disabled when WDR On						
Analog Video Output	CVBS (1.0Vp-p Composite, 75Ω)						
IR LED; Working Distance(Meter)	N/A	30pcs (6pcs Hi-Power, 24pcs Hi-Bright) ; 20~30M	30pcs (6pcs Hi-Power, 24pcs Hi-Bright) ; 20~30M	N/A	30 pcs (6pcs High Power, 24pcs Hi-Bright) ;30~40M	30 pcs (6pcs High Power, 24pcs Hi-Bright) ;30~40M	
OSD Menu	OSD Control / CoC						
Digital Day & Night Mode	Color / B&W / Auto / IR Sync						
Electronic Shutter	Auto1/25(30)~1/30, 000 Sec, Flickerless; Manual: 1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000,1/4000, 1/8000, 1/16000, 1/30000 Sec						
Auto Gain Control	0~20 steps						
White Balance	ATW / AWB / PWB(Push Lock) / Manual						
WDR(HDR); BLC; HLC	High (Max 120db) / Middle / Low / Off ; Program ; On / Off						
Flickerless	PAL 50Hz / NTSC 60Hz / Off						
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low						
Dynamic Noise Reduction	High / Middle / Low / Off						
Sense Up	On (x2, x4, x8, x16, x32) / Off						
Language	English, Japanese, Traditional Chinese, Simplified Chinese						
Image Setting	Sharpness / Mirror / Flip						
Privacy Zone Mask	16 Zones Programmable						
Motion Detection	On: Sensitivity, Programmable / Off						
Lens	10X Optical Zoom f5.0mm(Wide)~50mm(Tele)						
Angle of View	H:49.38° (Wide)~5.30° (Tele)						
Minimum Working Distance	1 Meter						
Focusing System	Smart Zoom & Auto Focus						
LPR Function	N/A	N/A	D/N Preset	N/A	N/A	D/N Preset	
Water Resistance; Max. Breaking Strength	N/A	IP66	IP66	N/A	IP66	IP66	
Power Supply; Consumption	12Vdc ; 3.36W	12Vdc ; 6.36W	12Vdc ; 6.36W	12Vdc ; 3.36W	12Vdc ; 6.36W	12Vdc ; 6.36W	
Operation; Storage Temp.	-10° C ~ 50° C ; -20° C ~ 60° C						
Operation; Storage Humidity	Maximum: RH80% ; RH90%						
Dimensions	55(W)x46(H)x144(L)mm	89(DIA) x 168(L)mm	89(DIA) x 168(L)mm	55(W)x46(H)x144(L)mm	89(DIA) x 168(L)mm	89(DIA) x 168(L)mm	
Net Weight	400g	700g	700g	400g	700g	700g	

AHD/TVI Hybrid DVR

15fps / 30fps, 1080P

	15 fps/ch	30 fps/ch	15 fps/ch	30 fps/ch	15 fps/ch	30 fps/ch
Model						
Name	SAVR-T6004ST-A2M	SAVR-T6104ST-A2M	SAVR-T6008ST-A2M	SAVR-T6108ST-A2M	SAVR-T6016ST-A4M	SAVR-T6116ST-A4M
Operating System	Embedded Linux					
Operations	Live, Recording, Playback, Backup & Remote Access					
Control Mode	USB mouse, Webpage, CMS					
Input	AHD/TVI: 4CH 1080P / 720P Analog: 4CH 1080P / 720P / 960H / D1		AHD/TVI: 8CH 1080P / 720P Analog: 8CH 1080P / 720P / 960H / D1		AHD/TVI: 16CH 1080P / 720P Analog: 16CH 1080P / 720P / 960H / D1	
Output	1x HDMI,1xVGA		1x HDMI,1xVGA		1x HDMI,1xVGA	
Frame Rate	Main stream: 15 fps (NTSC) / 12 fps (PAL);Sub stream: 15 fps (NTSC) / 12 fps (PAL)	Main stream: 30 fps (NTSC) / 25 fps (PAL);Sub stream: 30 fps (NTSC) / 25 fps (PAL)	Main stream: 15 fps (NTSC) / 12 fps (PAL); Sub stream: 15 fps (NTSC) / 12 fps (PAL)	Main stream: 30 fps (NTSC) / 25 fps (PAL); Sub stream: 30 fps (NTSC) / 25 fps (PAL)	Main stream: 15 fps (NTSC) / 12 fps (PAL); Sub stream: 15 fps (NTSC) /12 fps (PAL)	Main stream: 30 fps (NTSC) / 25 fps (PAL); Sub stream: 30 fps (NTSC) / 25 fps (PAL)
Input	4 x RCA					
Output	1 x RCA					
2-way Audio	Support					
Display mode	Full screen / Multi-screen / Sequence					
Remote View	Via IE Web Viewer, CMS					
Mobile View	iOS / Android					
Recording Mode	Continuous, Scheduled, Alarm, Motion					
Recording Capability/Total	120fps@720P, 60fps@1080P	240fps@720P, 120fps@1080P	240fps@720P, 120fps@1080P	480fps@720P, 240fps@1080P	480fps@720P, 240fps@1080P	960fps@720P, 480fps@1080P
Pre Recording	5 seconds					
Post Recording	Max. 255 seconds					
Support	TCP/ IP, SMTP, DHCP, DDNS, PPPoE, UDP, SSL, RTP, RTSP, NTP					
Ethernet	1 x 10/100 mbps					
Display Mode	Full screen / Multi-screen					
Playback Capability	4 ch simultaneous playback		8 ch simultaneous playback		16 ch simultaneous playback	
Playback Control	Play / Pause / Step / Fast forward / Rewind / Fast rewind					
Search Control	By Date / Time, Events, Channel					
Export	Through USB / Webpage / CMS					
Internal Storage	2 SATA Ports , Up to 4TB capacity for each		2 SATA Ports , Up to 4TB capacity for each		4 SATA Ports , Up to 4TB capacity for each	
USB	2; 1 for mouse control and 1 for backup					
Alarm	4 input 1 output		4 input 1 output		16 input 4 output	
RS485	1; Support Pelco D, Pelco P					
Watermark	Yes					
User Privilege	3 levels of user access support					
Power	12V DC		12V DC		12V DC	
Dimension	319(W)x53(H)x302(D) mm± 5mm		319(W)x53(H)x302(D) mm± 5mm		420(W)x65(H)x305(D) mm± 5mm	
Temperature	0°C ~ 40°C		0°C ~ 40°C		0°C ~ 40°C	

Specifications are subject to change without notice.

	IR BOX	Indoor Dome	Indoor IR Dome	Vandal IR Dome	IR Bullet	Motorized Zoom	
Model	 ICR 54dB	 54dB	 ICR 54dB	 ICR IK10 IP66 54dB	 ICR IP66 54dB	 ICR IK10 IP66 54dB	 ICR IP66 54dB
Name	SCC-WD3201M	SCC-WD3202	SCC-WDL3202M	SCC-WDL3203M	SCC-WDL32043M	SCC-WDL3203MV	SCC-WDL32043MV
Video System	PAL / NTSC Selectable						
Image Sensor	1/3" Sony 2.4 Megapixel Progressive Exmor CMOS Sensor						
Video Frame Rate (Maximum)	1920X1080p@25/30fps, 1280x720p@30fps						
Minimum Illumination	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4,	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.05Lux@F1.2, B/W: 0.02Lux@F1.2, IR On: 0Lux@F1.2	Color: 0.05Lux@F1.2, B/W: 0.02Lux@F1.2, IR On: 0Lux@F1.2
Video Output	BNC Connector (HDCVI) & Composite Simultaneous ;Composite is disabledd when WDR On						
IR LED; Working Distance(Meter)	N/A	N/A	30pcs Hi-Bright, 15-20M	30pcs Hi-Bright, 12~15M Option: 4pcs Hi-Power + 26pcs Hi-Bright, 15~20M	30pcs Hi-Bright, 20-25M Option: 6pcs Hi-Power, 24pcs Hi-Bright 20~30M	30pcs (4pcs Hi-Power,26pcs Hi-Bright), 20-25M	30pcs (4pcs Hi-Power, 26pcs Hi-Bright), 20-25M
OSD Menu	OSD / CoC (Via the Coax / Applied on non-PoC model)						
Day & Night Mode	Color / B&W / Auto / External						
Auto Electronic Shutter	1/25(30) ~1/30, 000 Sec; Flickerless						
Manual Electronic Shutter	1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 Sec						
White Balance	ATW / AWB / PWB(Push Lock) / Manual						
WDR; BLC; HLC	High (Max 90db) / Middle / Low / Off ; Program ; On / Off						
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low						
DNR	High / Middle / Low / Off						
Sense up	On (x2, x4, x8, x16, x32) / Off						
Language	English, Japanese, Traditional Chinese, Simplified Chinese						
E-Zoom	1.0x~8.0x (step 0.1)						
Image Effects	Sharpness / Mirror / Flip						
Privacy Zone Masks	16 Zones Programmable						
Motion Detection	On: Sensitivity, Programmable / Off						
Lens Shading Compensation	On / Off						
Automatic IRIS; Connector	DC ; D4 IRIS Jack						
Lens	N/A	f2.8~12mm	f2.8~12mm	f2.8~12mm	f2.8~12mm	Motorized f2.8~12mm	Motorized f2.8~12mm
Lens Option	N/A	N/A	N/A	N/A	N/A	Motorized f7.0~22mm	Motorized f7.0~22mm
Water Resistance; Max. Breaking Strength	N/A	N/A	N/A	IP66; IK10	IP66	IP66; IK10	IP66
Power Supply; Consumption	12Vdc: 1.2W, 12Vdc/24Vac: 2.2W, PoC (Option)	12Vdc: 1.2W, 12Vdc/24Vac: 2.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W
Operation; Storage Temp.	-10° C~50° C ; -20° C~60° C						
Operation; Storage Humidity	Maximum: RH80% ; RH90%						
Dimensions	62(W)x56(H)x120(L)mm	140(DIA)x112mm	140(DIA)x112mm	140(DIA)x112mm	89(DIA)x168mm	140(DIA)x112mm	89(DIA)x168mm
Net Weight	350g	500g	550g	1000g	700g	1000g	700g

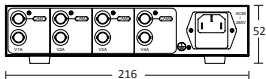
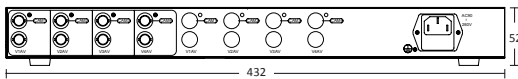
HDCVI 10X Smart Zoom

HDR / Smart Zoom / LPR

	IR Box	IR Bullet	LPR	IR Box	IR Bullet	LPR
Model	 ICR 120dB	 ICR IP66 120dB	 LPR ICR IP66 120dB	 ICR 120dB	 ICR IP66 120dB	 LPR ICR IP66 120dB
Name	CZC-HD4210MA1	CZC-HDL4210MD	CZC-HDL4210MD-C	CZC-HDL5210MA1	CZC-HDL5210MD	CZC-HDL5210MD-C
Video System	PAL / NTSC Selectable					
Image Sensor	1/3" PanasOnic 2.1M CMOS Sensor			1/3" Sony 2.0M STARVIS CMOS Sensor		
Video Frame Rate (Maximum)	1920x1080P@25/30fps ; 1280x720P@25/30FPS					
Minimum Illumination	Color: 0.05Lux@F1.8, B/W: 0.02Lux@F1.8	Color: 0.05Lux@F1.8, B/W: 0.02Lux@F1.8, IR On: 0Lux@F1.8		Color: 0.02Lux@F1.8, B/W: 0.005Lux@F1.8	Color: 0.02Lux@F1.8, B/W: 0.005Lux@F1.8 IR On: 0Lux@F1.8	
Digital Video Output	BNC Connector (HDCVI) & Composite Simultaneous ; Composite is disabled when WDR On					
Analog Video Output	CVBS (1.0Vp-p Composite, 75Ω)					
IR LED; Working Distance(Meter)	N/A	30pcs (6pcs Hi-Power, 24pcs Hi-Bright), 20~30M	30pcs (6pcs Hi-Power, 24pcs Hi-Bright) , 20~30M	N/A	30pcs (6pcs High Power,24pcs Hi-Bright), 30~40M	30pcs (6pcs High Power,24pcs Hi-Bright), 30~40M
OSD Menu	OSD Control / CoC					
Day & Night Mode	Color / B&W / Auto / IR Sync					
Electronic Shutter	Auto1/25(30)~1/30, 000 Sec, Flickerless; Manual: 1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000,1/4000, 1/8000, 1/16000, 1/30000 Sec					
Auto Gain Control	0~20 steps					
White Balance	ATW / AWB / PWB(Push Lock) / Manual					
WDR(HDR); BLC; HLC	High (Max 120db) / Middle / Low / Off ; Program ; On / Off					
Flickerless	PAL 50Hz / NTSC 60Hz / Off					
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low					
Dynamic Noise Reduction	High / Middle / Low / Off					
Sense Up	On (x2, x4, x8, x16, x32) / Off					
Language	English, Japanese, Traditional Chinese, Simplified Chinese					
Image Setting	Sharpness / Mirror / Flip					
Privacy Zone Mask	16 Zones Programmable					
Motion Detection	On: Sensitivity, Programmable / Off					
Lens	10X Optical Zoom f5.0mm(Wide)~50mm(Tele)					
Angle of View	H:49.38° (Wide)~5.30° (Tele)					
Minimum Working Distance	1 Meter					
Focusing System	Smart Zoom & Auto Focus					
LPR Function	N/A	N/A	D/N Preset	N/A	N/A	D/N Preset
Water Resistance; Max. Breaking Strength	N/A	IP66	IP66	N/A	IP66	IP66
Power Supply; Consumption	12Vdc ; 3.36W	12Vdc ; 6.36W	12Vdc ; 6.36W	12Vdc ; 3.36W	12Vdc ; 6.36W	12Vdc ; 6.36W
Operation; Storage Temp.	-10° C ~ 50° C ; -20° C ~ 60° C					
Operation; Storage Humidity	Maximum: RH80% ; RH90%					
Dimensions	55(W)x46(H)x144(L)mm	89(DIA) x 168(L)mm	89(DIA) x 168(L)mm	55(W)x46(H)x144(L)mm	89(DIA) x 168(L)mm	89(DIA) x 168(L)mm
Net Weight	400g	700g	700g	400g	700g	700g

HD One Cable Power Unit

CoC Version

	Lite 4CH		Lite 8CH		Hi-Power 4CH		Hi-Power 8CH	
CoC Features	The new generation MOP-UL114C (4CH) and MOP-UL118C (8CH) universal One cable power supply units are designed to use with AHD, HDTVI, HDCVI and CVBS analog One cable cameras. The units transmit power, video signals and CoC operations (Control over Coax) via single coaxial cable between power units and cameras.							
Model								
Model Name	MOP-UL114C		MOP-UL118C		MOP-UH114C		MOP-UH118C	
Type	4Ch Universal HD One Cable Power Supply Unit		8Ch Universal HD One Cable Power Supply Unit		4Ch Universal HD One Cable Power Supply Unit		8Ch Universal HD One Cable Power Supply Unit	
Power Source	AC 90~260V				AC 90~260V			
Power Consumption	5W/ch ; 20W(Total)		5W/ch ; 40W(Total)		10W/ch ; 40W(Total)		10W/ch ; 80W(Total)	
Camera Input	AHD, HDTVI, HDCVI 1080P/720P or Composite (CVBS) x 4 BNC Non-IR type PoC Camera		AHD,HDTVI, HDCVI, 1080P/720P or Composite (CVBS) x 8 BNC Non-IR type PoC Camera		AHD, HDTVI, HDCVI 1080P/720P or Composite (CVBS) x 4 BNC IR type PoC Camera, Non-IR type PoC Camera		AHD,HDTVI, HDCVI, 1080P/720P or Composite (CVBS) x 8 BNC IR type PoC Camera, Non-IR type PoC Camera	
Video Output	Video Output x 4		Video Output x 8		Video Output x 4		Video Output x 8	
Maximum Distance	RG-59/U (3C2V) < 250M ; RG-6A/U (5C2V) 250~350M ; RG-11A/U (7C2V) 350~450M				RG-59/U (3C2V) < 250M ; RG-6A/U (5C2V) 250~350M ; RG-11A/U (7C2V) 350~450M			
Operating Temperature	-10°C~50°C							
Storage Temperature	-20°C~60°C							
Operating/Storage Humidity	Maximum: RH80% ; RH90%							
Dimension	216 x 289 x 52 mm		432 x 281 x 52 mm		216 x 289 x 52 mm		432 x 281 x 52 mm	
Weight	2.4 Kgs		4.2 Kgs		2.4 Kgs		4.2 Kgs	
Transmitting Distance	• Under 250M using RG-59/U (3C2V) coaxial cable • 250~350M using RG-6A/U (5C2V) coaxial cable • 350~450M using RG-11A/U (7C2V) coaxial cable							
Dimension	MOP-UL114C (Rear View) MOP-UH114C (Rear View) 				MOP-UL118C (Rear View) MOP-UH118C (Rear View) 			

Specifications are subject to change without notice.

Lens

		
Model		
Name	SHV-3M2812A-IR	SHV-1M0560A-IR
Image Sensor	1/2.7" 2048x1536	1/2.7" 2048x1536
Mount Type	CS	CS
Focal Length	f2.8~12mm	f5~60mm
Aperture Range	F/1.4~360	F/1.6~360
Iris Operation	Auto IRIS	Auto IRIS

HD UTC Controller

	
Model	
Name	MCU-UTC001AHD
Type	UTC Controller for AHD Camera
General	Controller Camera Function
Material	Plastic
Dimension	80mm(L) x 40mm(W) x 5mm(H)
Weight	0.1kg
Applicable Model	All UTC AHD Cameras

Video Distributor

	4Ch	8Ch																										
Model																												
Model Name	SHD-VD4008	SHD-VD8016																										
Video Input Channel	4Ch	8Ch																										
Video Output Channel	8Ch	16Ch																										
Video Input Level	0.8 Vp-p (Standard), 75Ω																											
Video Output Level	0.8 Vp-p (Standard), 75Ω																											
Video Bandwidth	-0.1dB@50MHz																											
Power Supply	AC90~260V																											
Storage Temperature	-10°C ~ 50° C																											
Operating Temperature	-20°C ~ 60 °C																											
Dimension	285 x 215 x 44.4 mm	430 x 280 x 44.4mm																										
Weight	2.3 Kgs	4.1 Kgs																										
Transmission Distance	<table><tr><th>Type</th><th>Resolution</th><th>RG-59/U (3C2V)</th><th>RG-6A/U (5C2V)</th></tr><tr><td rowspan="2">HDTVI</td><td>1080P</td><td>250 m</td><td>350 m</td></tr><tr><td>720P</td><td>350 m</td><td>450 m</td></tr><tr><td rowspan="2">HDCVI</td><td>1080P</td><td>250 m</td><td>350 m</td></tr><tr><td>720P</td><td>350 m</td><td>450 m</td></tr><tr><td rowspan="2">AHD</td><td>1080P</td><td>300 m</td><td>400 m</td></tr><tr><td>720P</td><td>350 m</td><td>450 m</td></tr></table>			Type	Resolution	RG-59/U (3C2V)	RG-6A/U (5C2V)	HDTVI	1080P	250 m	350 m	720P	350 m	450 m	HDCVI	1080P	250 m	350 m	720P	350 m	450 m	AHD	1080P	300 m	400 m	720P	350 m	450 m
Type	Resolution	RG-59/U (3C2V)	RG-6A/U (5C2V)																									
HDTVI	1080P	250 m	350 m																									
	720P	350 m	450 m																									
HDCVI	1080P	250 m	350 m																									
	720P	350 m	450 m																									
AHD	1080P	300 m	400 m																									
	720P	350 m	450 m																									

HD Converter

		
Model		
Name	SSR-AM21	SSR-TM21
Type	AHD to HDMI/VGA/CBVS Converter	8Ch Universal HD One Cable Power Supply Unit
Video Input	AHD 1.0 720p@25/30、AHD 2.0 720p@50/60Hz、1080p@25/30Hz、NTSC、PAL	
Video Output	HDMI & VGA480p、576p、720p/50/60、1080i/50/60、1080p/50/60、CVBS (NTSC、PAL)	
Input Connector	BNC (75Ω 1Vpp)	
Output Connector	HDMI Type-A、D-SUB 15、BNC (75Ω 1Vpp)	
Switch	DIP Switch x 1、Tact Switch x 2	
Power Supply	12V 500mA	
Power Consumption	350mA (Max) 4-5 Watts	
Temperature	Operation: 0 to 55°, Storage: -20 to 85°, Humidity: up to 95%	
Dimension	88*130*30 mm	
Weight	275g	

Specifications are subject to change without notice.

HD-SDI 1080P/60fps

1080P / 60fps

IR Box			
Model	 ICR HDR	 ICR HDR Starlight 120dB	 ICR 120dB
Name	SSC-WD2201M	SSC-WD6301MS	SSC-WD6201MS
Video System	PAL / NTSC Selectable		
Image Sensor	1 / 2.8" Sony 3.0 Megapixel Progressive Exmor CMOS Sensor	1/3" Sony 2.4 Megapixel Progressive Exmor CMOS Sensor	1/2" Sony 2.4 Megapixel Progressive Exmor CMOS Sensor
Video Frame Rate (Maximum)	1920x1080P@50/59.94/60fps ; Adjustable to 1920x1080P@25/30fps, 1920x1080i@50/59.94/60fps		
Minimum Illumination	Color: 0.1Lux@F1.2, B/W: 0.01Lux@F1.2, Sense-up:0.001Lux@F1.2	Color: 0.01Lux@F1.2, B/W: 0.001Lux@F1.2	Color: 0.01Lux@F1.2, B/W: 0.001Lux@F1.2
Digital Video Output	BNC Connector (SDI) x1, HDMI	BNC Connector (SDI) x1 / HDMI x 1	
Analog Video Output	BNC Connector (1.0Vp-p Composite, 75Ω) x1	BNC Connector (1.0Vp-p Composite, 75Ω) x1	
OSD Menu	OSD Control / by RS485 Remote Control / by Coaxial Control	RS485 / OSD Control Support CoC	
Day & Night Mode	Color / B&W / Auto	Color / B&W / Auto / IR Sync	
Multi-Electronic Manual Shutter	Manual:1/50(60), 1/100(120), 1/150(180), 1/200(240), 1/250, 1/300, 1/350, 1/400, 1/450, 1/500, 1/600, 1/750, 1/1,000, 1/2,000, 1/3,000, 1/4,000, 1/10,000 sec.	Manual Shutter: 1/25(30), 1/50(60), 1/100(120), 1/150(180), 1/200(240), 1/250, 1/300, 1/350, 1/400, 1/450, 1/500, 1/600, 1/750, 1/1,000, 1/2,000, 1/3,000, 1/4,000, 1/10,000 sec. ; Flickerless	
Automatic Gain Control	128 Levels (Adjustable Level Settings)	0~20	
White Balance	ATW / AWB / Manual / Push Lock / 3200K / 6300K	ATW / AWB	
WDR; BLC	WDR / BLC / Off	HDR 120dB ; Bright Area / Dark Area / Contrast	
Flickerless	PAL 50Hz / NTSC 60Hz / Off	PAL 50Hz / NTSC 60Hz / Off	
Dynamic Noise Reduction	2D	2D / 3D	
Sense Up	On (2~6X) / Off	Off ~ x128	
Language	English / Japanese / Traditional Chinese / Simplified Chinese (Option Not Changeable)	English / Japanese / Traditional Chinese / Simplified Chinese	
Image Setting	Sharpness / Contrast / Saturation / Hue / Mirror	Sharpness / Contrast / Saturation / Hue / Gamma	
I/O Connector	RS-485 (Pelco-D/P) x 1 / DI x 1 / DO x1, Option: Audio In(3.5mm) x 1 / Audio Out (3.5mm) x 1	RS-485 (Pelco-D) x 1 / DIx1 / DOx1	
Automatic IRIS ; Connector	DC ; D4 IRIS Jack		
Lens	CS / C Mount		
Water Resistance ; Max. Breaking Strength	N/A	N/A	N/A
Power Supply ; Consumption	Standard:12Vdc, Option:PoC; 4.2W	Standard:12Vdc, Option:PoC ; 3W	
Operation ; Storage Temp.	-10° C~-50° C ; -20° C~60° C		
Operation ; Storage Humidity	Maximum: RH80% ; RH90%		
Dimensions	62(W)x56(H)x120(L)		
Net Weight	350g		

Specifications are subject to change without notice.

	IR Box	Indoor Dome	Indoor IR Dome	Vandal IR Dome	IR Bullet	Motorized Zoom	
Model	 ICR 54dB	 54dB	 ICR 54dB	 ICR IK10 IP66 120dB	 ICR IP66 120dB	 ICR IK10 IP66 54dB	 ICR IP66 54dB
Name	SSC-WD3201EM	SSC-WD3202E	SSC-WDL3202EM	SSC-WDL3203EM	SSC-WDL32043EM	SSC-WDL3203EMV	SSC-WDL32043EMV
Video System	PAL / NTSC Selectable						
Image Sensor	1/3" Sony 2.4 Megapixel Progressive Exmor CMOS Sensor						
Video Frame Rate (Maximum)	1920X1080p@25/30fps, 1280x720p@30fps						
Minimum Illumination	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4,	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4,	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.05Lux@F1.2, B/W: 0.02Lux@F1.2, IR On: 0Lux@F1.2	Color: 0.05Lux@F1.2, B/W: 0.02Lux@F1.2, IR On: 0Lux@F1.2
Video Output	BNC Connector (HD-SDI/EX-SDI) & Composite Simultaneous ; Composite is disabled when WDR On						
IR LED ; Working Distance(Meter)	N/A	N/A	30pcs Hi-Bright, 15-20M	30pcs Hi-Bright, 12~15M Option: 4pcs Hi-Power + 26pcs Hi-Bright, 15~20M	30pcs Hi-Bright), 20-25M Option: 6pcs Hi-Power, 24pcs Hi-Bright 20~30M	30pcs, (4pcs Hi-Power, 26pcs Hi-Bright) 20-25M	30pcs Hi-Bright, 16~20M Option: 6pcs Hi-Power + 24pcs Hi-Bright, 20~30M
OSD Menu	OSD / CoC (Via the Coax / Applied on non-PoC model)						
Day & Night Mode	Color / B&W / Auto / External						
Auto Electronic Shutter	1/25(30) ~ 1/30, 000 Sec; Flickerless						
Manual Electronic Shutter	1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 Sec						
White Balance	ATW / AWB / PWB(Push Lock) / Manual						
WDR; BLC; HLC	High (Max 90db) / Middle / Low / Off ; Program ; On / Off						
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low						
DNR	High / Middle / Low / Off						
Sense up	On (x2, x4, x8, x16, x32) / Off						
Language	English, Japanese, Traditional Chinese, Simplified Chinese						
E-Zoom	1.0x~8.0x (step 0.1)						
Image Effects	Sharpness / Mirror / Flip						
Privacy Zone Masks	16 Zones Programmable						
Motion Detection	On: Sensitivity, Programmable / Off						
Lens Shading Compensation	On / Off						
Automatic IRIS ; Connector	DC ; D4 IRIS Jack						
Lens	N/A	f2.8~12mm	f2.8~12mm	f2.8~12mm	f2.8~12mm	Motorized f2.8~12mm	Motorized f2.8~12mm
Lens Option	N/A	N/A	N/A	N/A	N/A	Motorized f7.0~22mm	Motorized f7.0~22mm
Water Resistance; Max. Breaking Strength	N/A	N/A	N/A	IP66; IK10	IP66	IP66; IK10	IP66
Power Supply; Consumption	12Vdc: 1.2W, 12Vdc/24Vac: 2.2W, PoC (Option)	12Vdc: 1.2W, 12Vdc/24Vac: 2.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W
Operation; Storage Temp.	-10° C~50° C ; -20° C~60° C						
Operation; Storage Humidity	Maximum: RH80% ; RH90%						
Dimensions	62(W)x56(H)x120(L)mm	140(DIA)x112mm	140(DIA)x112mm	140(DIA)x112mm	89(DIA)x168mm	140(DIA)x112mm	89(DIA)x168mm
Net Weight	350g	500g	550g	1000g	700g	1000g	700g

EX-SDI Premium(STARVIS)

STARVIS / HDR

	IR Box	Indoor Dome	Indoor IR Dome	Vandal IR Dome	IR Bullet	Motorized Zoom	
Model	 ICR 120dB	 120dB	 ICR 120dB	 ICR IK10 IP66 120dB	 IP66 120dB	 ICR IK10 IP66 120dB	 IP66 120dB
Name	SSC-HD5201M	SSC-HD5202	SSC-HDL5202M	SSC-HDL5203M	SSC-HDL52043M	SSC-HDL5203MV	SSC-HDL52043MV
Video System	PAL / NTSC Selectable						
Image Sensor	1/3" Sony 2.0M STARVIS CMOS Sensor						
Video Frame Rate (Maximum)	1080P@25/30fps ; 720P@25/30fps						
Minimum Illumination	Color: 0.02Lux@F1.2, B/W: 0.005Lux@F1.2	Color: 0.02Lux@F1.4, B/W: 0.005Lux@F1.4	Color: 0.02Lux@F1.4, B/W: 0.005Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.02Lux@F1.4, B/W: 0.005Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.02Lux@F1.4, B/W: 0.005Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.02Lux@F1.4, B/W: 0.005Lux@F1.4, IR On: 0Lux@F1.4	Color: 0.02Lux@F1.4, B/W: 0.005Lux@F1.4, IR On: 0Lux@F1.4
Digital Video Output	EX-SDI / HD-SDI , Switchable via OSD						
Analog Video Output	CVBS (1.0Vp-p Composite, 75Ω)						
IR LED ; Working Distance(Meter)	N/A	N/A	30pcs Hi-Bright, 20-25M	30pcs Hi-Bright, 16~20M Option: 4pcs Hi-Power + 26pcs Hi-Bright, 20~25M	30pcs Hi-Bright, 25~30M Option: 6pcs Hi-Power + 24pcs Hi-Bright, 30~40M	30pcs (4pcs Hi-Power, 26pcs Hi-Bright); 30~40M	30pcs (4pcs Hi-Power, 26pcs Hi-Bright); 30~40M
OSD Menu	OSD Control / CoC						
Digital Day & Night Mode	Color / B&W / Auto / IR Sync						
Electronic Shutter	Auto1/25(30)~1/30, 000 Sec, Flickerless; Manual: 1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 Sec						
Auto Gain Control	0~20 Steps						
White Balance	ATW / AWB / PWB (Push Lock) / Manual						
HDR; BLC; HLC	High (Max 120db) / Middle / Low / Off ; Program ; On / Off						
Flickerless	On / Off						
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low						
Dynamic Noise Reduction	3D / 2D						
Sense Up	On (x2, x4, x8, x16, x32) / Off						
Language	English, Japanese, Traditional Chinese, Simplified Chinese						
E-Zoom	1.0~8x (step 0.1)						
Image Setting	Sharpness / Mirror / Flip						
Privacy Zone Mask	16 Zones Programmable						
Motion Detection	On: Sensitivity, Programmable / Off						
Lens	N/A	f2.8~12mm	f2.8~12mm	f2.8~12mm	f2.8~12mm	Motorized f2.8~12mm	Motorized f2.8~12mm
Lens Options	N/A	N/A	N/A	N/A	N/A	Motorized f7.0~22mm	Motorized f7.0~22mm
Water Resistance; Max. Breaking Strength	N/A	N/A	N/A	IP66 ; IK10	IP66	IP66 ; IK10	IP66
Power Supply; Consumption	12Vdc, Option: PoC ; 3.36W	12Vdc: 1.2W, 12Vdc/24Vac: 2.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W
Operation; Storage Temp.	-10°C~ 50°C ; -20° C~ 60° C	-10°C~50°C ; -20°C~60°C	-10°C~50°C ; -20°C~60°C	-10° C~50°C ; -20° C~60°C	-10° C~50°C ; -20°C~60°C	-10° C~50°C ; -20° C~60° C	-10°C~50°C ; -20°C~60°C
Operation; Storage Humidity	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%
Dimensions	120(L) x 56(H) x 67(W)mm	140(DIA)x112mm	140(DIA)x112mm	140(DIA)x112mm	89(DIA)x168mm	140(DIA)x112mm	89(DIA)x168mm
Net Weight	400g	500g	550g	1000g	700g	1000g	700g

EX-SDI / HD-SDI Zoom

10 ~ 30X

	10X Zoom	10X Zoom	20X Zoom	30X Zoom
Model	 ICR 120dB	 ICR IP66 120dB	 ICR 120dB	 ICR
Name	SZC-HD5210MA1	SZC-HDL5210MD	SZC-HD2020GB	SZC-WD2030GB
Video System	PAL / NTSC Selectable			
Image Sensor	1/3" Sony 2.0M STARVIS CMOS Sensor		1/3" Sony 2.0M STARVIS CMOS Sensor	1 / 2.8" Sony 2.0 M CMOS Sensor
Video Frame Rate (Maximum)	1080P@25/30fps ; 720P@25/30fps		1920x1080P@25/30fps ; Adjustable to 1920x1080i@50/60fps, 1280x720P@25/30/50/60fps	
Minimum Illumination	Color: 0.02Lux@F1.8, B/W: 0.005Lux@F1.8	Color: 0.02Lux@F1.8, IR On: 0Lux@F1.8	0.02Lux@F1.6 (ICR Off)	0.05Lux@F1.6 (ICR Off)
Digital Video Output	EX-SDI / HD-SDI Switchable via OSD		HD-SDI	
Analog Video Output	CVBS (1.0Vp-p Composite, 75Ω)			
IR LED ; Working Distance(Meter)	N/A	30pcs (6pcs High Power, 24pcs Hi-Bright) ; 30-40M	N/A	N/A
OSD Menu	OSD Control / CoC			
Day & Night Mode	Color / B&W / Auto / IR Sync		Color / B&W / Auto	
Electronic Shutter	Auto1/25(30)~1/30, 000 Sec, Flickerless; Manual: 1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000,1/4000,1/8000, 1/16000, 1/30000 Sec		Auto 1/25(30)~1/10,000 sec. Manual: 1/25(30), FL 1/50(60), 1/100, 1/120, 1/180, 1/350, 1/500, 1/750, 1/1,000, 1/2,000, 1/4,000, 1/10,000 sec	
Auto Gain Control	0~20 Steps		On (Fix+6dB, Digital Auto AGC+30dB, Total 36dB Max) / Off	
White Balance	ATW / AWB / PWB(Push Lock) / Manual		ATW / AWB (One Push)	
WDR(HDR); BLC; HLC	High (Max 120dB) / Middle / Low/ Off ; Program ; On/Off		High / Middle / Low / Off ; N/A ; N/A	
Flickerless	On / Off		PAL 50Hz / NTSC 60Hz / Off	
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low		High / Middle / Low / Off	
Dynamic Noise Reduction	3D / 2D		2DNR / 3DNR (High / Middle / Low / Off)	
Sense Up	On (x2, x4, x8, x16, x32) / Off		N/A	
Language	English, Japanese, Traditional Chinese, Simplified Chinese		English, Japanese	
E-Zoom	1.0~8x (step 0.1)		Digital 10X	
Image Setting	Sharpness / Mirror / Flip		Mirror / Freeze	
Privacy Zone Mask	16 Zones Programmable		On / Off (16 Zones Programmable) Fog Reduction	
Motion Detection	On: Sensitivity, Programmable / Off		Area / Sense-level / Display	
Lens	f5.0mm~50mm	f5.0mm~50mm	f4.7~94mm	f4.4~132mm
Minimum Work Distance	1 Meter	1 Meter	0.1m(Wide)~0.5m(Tele)	1 Meter
Focus System	Smart Zoom & Auto Focus			
Water Resistance; Max. Breaking Strength	N/A	IP66	N/A	N/A
Power Supply; Consumption	12Vdc, Option: PoC ; 3.36W	12Vdc, Option: PoC ; 6.36W	12Vdc ; 3.36W	12Vdc: 7.2W, 12Vdc/24Vac: 8.2W, PoC (Option)
Operation; Storage Temp.	-10° C ~ 50° C ; -20° C ~ 60° C			
Operation; Storage Humidity	Maximum: RH80% ; RH90%			
Dimensions	120(L) x 56(H) x 67(W)mm	89(DIA)x168mm	50(W) x 60(H) x 90(L)mm	
Net Weight	400g	700g	280g	

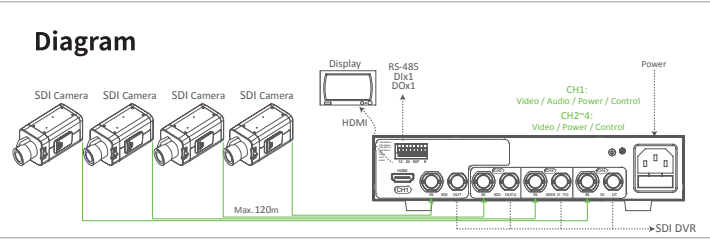
HD-SDI Speed Dome

20X

20X Zoom Speed Dome			
Model	 ICR	 ICR IP66	 ICR
Name	SSC-WD84M2020	SSC-WD92M2020	SSC-WDL93M2020
Video System	PAL / NTSC		
Image Sensor	1 / 2.8" Sony 2.0 Megapixel Progressive Exmor CMOS Sensor		
Resolution	1920(H)x1080(V)		
Video Frame Rate (Maximum)	1920x1080P@25/30fps		
SDI Standards	HD-SDI (SMPTE 292M)		
Minimum Illumination	Color: 0.5Lux@F1.6, B/W: 0.1Lux@F1.6, Sense-up: 0.005Lux@F1.6		Color: 0.5Lux@F1.6, B/W: 0.1Lux@F1.6, IR On: 0Lux@F1.6
Video Output	BNC Connector (SDI) x1		
IR LED; Working Distance(Meter)	N/A		10pcs, Max. 120M
Electronic Shutter	1/1 to 1/10,000 s, total 22 steps		
Auto Gain Control	Auto/Manual (-3 dB to +28 dB, +2 dB step/total 16 steps) ; Max. Gain Limit (+6 dB to +28 dB, +2 dB step/total 12 steps)		
White Balance	ATW, AWB, Indoor, Outdoor, Sodium Vapor Lamp , One-push, Manual		
Language	English / Traditional Chinese / Simplified Chinese / Japanese		
Picture Effects ; E-Zoom	Rotation, Negative, B/W, Mirror, Color Enhancement ; 12X (240X with Optical Zoom)		
Privacy Zone Masks	Spherical Privacy Zone Masking (24 Zones with various PTZ cOntrols)		
Auto Trace	Auto-Trace / Auto Zoom / Auto back-to-preset		
Controls; Home Function	PAN / TILT, Lens ; Yes		
Auto Pan; Tour Pattern	8 Groups ; 8 Groups (accommodates preset #1~#32)		
Panning Range & Speed	360° Continuous ; 0.01° ~360° /sec.		
Tilt Range & Speed ; Pan, Tilt Accuracy	-5° ~ 90° ; 0.01° ~ 360° / sec. ; ±0.02°		
Default Position	255 Positions		
Alarm Input / Output	4&2		
Connector	DC Power, RS485, BNC		
Lens; Angle of View	2.5M Lens 20X Optical Zoom f4.7mm (Wide) ~ 94mm (Tele), F1.4 to F3.5 ; H: H:55.4° (Wide) ~ 2.9° (Tele)		
Minimum Working Distance	0.01m(wide)~1m(Tele)		
Focusing System	Auto/ Manual / Push AF		
Water Resistance; Max. Breaking Strength	N/A	IP66	IP66
Power Supply; Consumption	12Vdc ; 50W		
Operation; Storage Temperature	-10° C~50° C ; -20° C~60° C		
Operation; Storage Humidity	Maximum: RH80% ; RH90%		
Dimensions	224(DIA)x280(H)mm	230(DIA)x300(H)mm	235(DIA)x350(H)mm
Net Weight	3.65kg	2.45kg	4.43kg

Specifications are subject to change without notice.

EX-SDI / HD-SDI One Cable Power Unit

	4CH	8CH
Model		
Name	SSD-RX041E	SSD-RX081E
SDI Standards	EX-SDI, HD-SDI Auto Detect	
Cable Transmission Distance	EX-SDI 250 meter ; HD-SDI 120 meter (Recommend 5C-FB or RG59 Cable)	
SDI Input	SDI BNC Input Connector x 4	SDI BNC Input Connector x 8
PoC Technology	Video/Power/Control	
SDI Resolution	Full HD 1080P@25/30fps	
SDI Output	SDI BNC Output Connector x 4	SDI BNC Output Connector x 8
HDMI Resolution	Full HD 1080P@25/30fps	
HDMI Output	HDMI(1.3a)Type A Connector (Output) x1	
Analog Video Output	N/A	
Audio Input	N/A	
Audio Output	N/A	
RS-485 Input	RS-485 +/- x1	
RS-485 Output	RS-485 +/- x1	
DI/DO	DIx1 / DOx1	
Ethernet	N/A	
Video compression	N/A	
H.264	N/A	
Bit Rate Transmission	N/A	
Power Supply	90~260Vac ; Enable PoC: 24Vdc, Max.12W/per ch	90~260Vac ; Enable PoC: 24Vdc, Max.12W/per ch
Operating ; Storage Temp.	-10° C~50° C ; -20° C~60° C	
Operation ; Storage Humidity	Maximum: RH80% ; RH90%	
Dimensions	216(W)x45(H)x272.5(L)mm	426(W)x48(H)x274.5(L)mm
Net Weight	2.5Kg	4.5Kg
Applicaition	Diagram 	

Specifications are subject to change without notice.

Bracket

	Dome Bracket					Bullet Bracket
Model	 Plastic	 Meta				
Name	MTB-201	MTB-413	MTB-503	MTB-504	G-142	MTB-414S
Mount	Indoor Wall Mount	Wall Mount	Ceiling Mount	Ceiling Mount	Adapter Plate Of Fixed Dome For Pendant Bracket	Pole Mount
Apply to (Model)	EX-SDI: SSC-WD3202E, SSC-WDL3202E, SSC-WDL3202MV AHD: SAC-WD3202, SAC-WDL3202M, SAC-WDL3202MV TVI: STC-WD3202, STC-WDL3202M, STC-WDSL3202MV CVI: SCC-WD3202, SCC-WDL3202M, SCC-WDL3202MV	EX-SDI: SSC-WDL3203E, SSC-WDL3203MV AHD: SAC-WDL3203M, SAC-WDL3203MV TVI: STC-WDL3203M, STC-WDSL3203MV CVI: SCC-WDL3203M, SCC-WDL3203MV	AHD: SAC-WD3202 TVI: STC-WD3202 CVI: SCC-WD3202	EX-SDI: SSC-WD3202E, SSC-WDL3202M, SSC-WDL3203E, SSC-WDL3203MV AHD: SAC-WDL3202M, SAC-WDL3203M, SAC-WDL3203MV TVI: STC-WDL3202M, STC-WDL3203M, STC-WDSL3203MV CVI: SCC-WDL3202M, SCC-WDL3203M, SCC-WDL3203MV	This bracket used to mount follow indoor Dome camera EX-SDI: SSC-WD3202, SSC-WDL3202M AHD: SAC-WDL3202M TVI: STC-WDL3202M CVI: SCC-WDL3202M	AHD: SAC-WDL32043M(V), SAC-WDL52043M(V), AZC-HDL4210MD(-C), AZC-HDL5210MD (-C) TVI: STC-WDL32043M(V), STC-WDL52043M(V), TZC-HDL4210MD(-C), TZC-HDL5210MD (-C)CV CVI: SCC-WDL32043M(V), CZC-HDL4210MD(-C), CZC-HDL5210MD (-C)
Apply to (Housing)	  	 		 	 	



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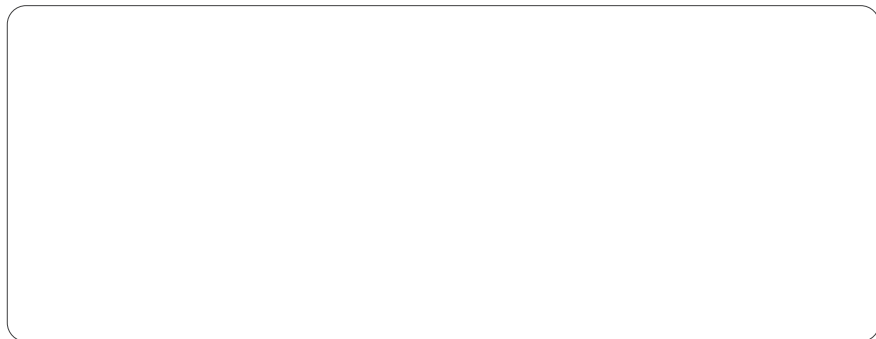
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