

5M/4M, 1080P Coaxial Selection Guide

| One Cable | AHD | DVR | EX-SDI / HD-SDI |

SHANY

| 2018



5M/4M



Starlight



True WDR



3.5X/10X Zoom



4CH/8CH One Cable
Power Unit



DVR

5M/4M, 1080P Coaxial Selection Guide

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AHD One Cable Camera

AHD 5M/4M One Cable Starlight

5M / 4M / Starlight / CoC

	Box	Indoor Dome	Vandal IR Dome	IR Bullet
Model	 ICR		 ICR IP66	 ICR IP66
Name	SAC-WD2501MSOC	SAC-WD2502SOC	SAC-WDL25031MSOC	SAC-WDL25043MSOC
Video System	NTSC / PAL Selectable			
Image Sensor	1/2.8" 5.1M STARVIS Sensor			
Video Frame Rate	5M@20fps, 4M@25/30fps, 1080P@25/30fps			
Minimum Illumination	0.02Lux@F1.2, B/W: 0.01Lux@F1.2, Sense-up:0.001Lux@F1.2	0.05Lux@F1.4, B/W: 0.02Lux@F1.4, Sense-up:0.001Lux@F1.4	0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0 Lux	
Video Output	5M,4M or 1080P			
IR LED; Working Distance(Meter)	N/A	N/A	24pcs LEDs, 12-15M	30pcs Hi-Bright (OSRAM LEDs), 20-25M
OSD Menu	OSD / CoC (Via the coax)			
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), 1/200(1/240) 1/480, 1/1000, 1/2000, 1/5000, 1/10000, 1/50000 Sec			
Auto Gain Control	0~16 Steps			
White Balance	ATW / AWB / PWB (Push Lock) / Manual			
HDR; BLC; HLC	DWDR / Middle / Low / Off ; Program ; On / Off			
Flickerless	On / Off			
Dynamic Noise Reduction	3D / 2D			
Sense up	On (x2, x4; x6, x8, x10; x15, x20, x25, 30) / Off			
Language	English, Japanese, Traditional Chinese, Simplified Chinese, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish			
Image Setting	Sharpness / Mirror / V-Flip / Rotate			
Motion Detection	Off			
Lens	N/A	f2.8~12mm	f2.8~12mm, D/N	f2.8~12mm, D/N
Lens Options	N/A	N/A	N/A	N/A
Water Resistance; Max. Breaking Strength	N/A	N/A	IP66	IP66
Power Supply; Consumption	PoC/12Vdc; 3.36W	PoC/12Vdc; 3.36W	PoC/12Vdc; Max.5.6W	PoC/12Vdc; Max.5.6W
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	124(DIA) x 102mm	133(DIA) x 101mm	87(DIA) x 280mm
Net Weight	400g	320g	700g	700g

AHD 1080P One Cable Professional

1080P / Varifocal Lens / One Cable / CoC Control

	BOX	Indoor Dome	Vandal IR Dome	IR Bullet
Model	 ICR		 ICR IP66	 IP66
Name	SAC-WD3201MOC-II	SAC-WD3202OC-II	SAC-WDL32031MOC-II	SAC-WDL32043MOC-II
Video System	NTSC / PAL Selectable			
Image Sensor	1/2.9" Sony 2.1M Exmor Sensor	1/2.9" Sony 2.1M Exmor CMOS Sensor		
Video Frame Rate (Maximum)	1920X1080P@25/30fps			
Minimum Illumination	Color: 0.05Lux,B/W:0.02Lux, Sensor-up:0.001Lux@F1.2	Color: 0.1 Lux, B/W: 0.06 Lux @F1.4, Sensor-up:0.001Lux@F1.4	Color: 0.1 Lux, B/W: 0.06 Lux, IR On: 0 Lux @F1.4	
Video Output	Standard: AHD; Optional: AHD and CVBS Dual Output			
IR LED; Working Distance(Meter)	N/A	N/A	24pcs; 15~20M	30pcs Hi-Bright (OSRAM LEDs), 20-25M
OSD Menu	OSD / CoC (Via the Coax)			
Day & Night Mode	Auto / Color / B&W / 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	Hi / Middle / Low / Off ; Program ; On / Off			
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low			
DNR	2D/3D ; High / Middle / Low / Off			
Language	English, Japanese, Traditional Chinese, Simplified Chinese			
Image Effects	Sharpness / Mirror / Flip / Motion			
Privacy Zone Masks	16 Zones Programmable			
Automatic IRIS; Connector	DC Iris			
Lens	N/A	Built-in Varifocal Lens, f2.8~12mm/F1.4	Built-in Varifocal D/N Lens, f2.8~12mm/F1.4	Built-in Varifocal D/N Lens, f2.8~12mm/F1.4
Lens Option	N/A	N/A	N/A	N/A
Water Resistance; Max. Breaking Strength	N/A	N/A	IP66	IP66
Power Supply; Consumption	PoC/12Vdc: 3.36W	PoC/12Vdc; 3.36W	PoC/12Vdc; Max.5.6W	PoC/12Vdc; Max.5.6W
Operation; Storage Temp.	-10° C~50° C ; -20° C~60° C			
Operation; Storage Humidity	Maximum: RH80% ; RH90%			
Dimensions	62(W) x 56(H) x 120(L)mm	124(DIA) x 102mm	133(DIA)x101mm	87(DIA) x 280mm
Net Weight	350g	302g	700g	700g

Specifications are subject to change without notice.

AHD 1080P Starlight One Cable Premium

Starlight / HDR / CoC

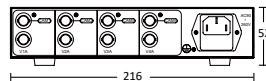
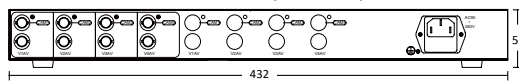
	Box	Indoor Dome	Vandal IR Dome	IR Bullet
Model	 ICR		 ICR IK10 IP66	 ICR IP66
Name	SAC-HD5201MOC	SAC-HD5202OC	SAC-HDL5203MOC	SAC-HDL52043MOC
Video System	NTSC / PAL Selectable			
Image Sensor	1/2.8" Sony 2.1M STARVIS Sensor			
Video Frame Rate (Maximum)	1080P@25/30fps			
Minimum Illumination	0.02Lux@F1.2, B/W: 0.005Lux@F1.2, Sense-up:0.001Lux@F1.2	0.05Lux@F1.4, B/W: 0.02Lux@F1.4, Sense-up:0.001Lux@F1.4	0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0 Lux	
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, 16~20M	30pcs Hi-Bright (OSRAM LEDs), 25~30M
OSD Menu	OSD / CoC (Via the coax)			
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	DWDR / 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
Lens Options	N/A	N/A	N/A	N/A
Water Resistance; Max. Breaking Strength	N/A	N/A	IP66 ; IK10	IP66
Power Supply; Consumption	PoC/12Vdc; 3.36W	PoC/12Vdc; 1.2W	PoC/12Vdc; 7.2W	PoC/12Vdc; Max.5.6W
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
Operation; Storage Humidity	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%	Maximum: RH80% ; RH90%
Dimensions	120(L) x 56(H) x 67(W)mm	140(DIA) x 112mm	140(DIA) x 112mm	87(DIA) x 280mm
Net Weight	400g	500g	1000g	700g

Specifications are subject to change without notice.

Coaxial-Full-HD-JP_SG_v06_en_18-06

One Cable Power Unit for 5M/4M, 1080P & CVBS Camera

CoC Version

	Standard 4Ch	Standard 8Ch	Hi-Power 4Ch	Hi-Power 8Ch
CoC Features	The new generation 4Ch and 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 IR Type under 24pcs	AHD,HDTVI, HDCVI, 1080P/720P or Composite (CVBS) x 8 BNC IR Type under 24pcs	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℃~50℃			
Storage Temperature	-20℃~60℃			
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 Kg	4.2 Kg	2.4 Kg	4.2 Kg
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.

AHD One Cable Zoom Camera

AHD 1080P One Cable Motorized & Zoom

1080P / Motorized Lens / One Cable / CoC Control

	Indoor Dome	Vandal IR Dome	IR Bullet
Model	 54dB	 ICR IK10 IP66 54dB	 ICR IP66 54dB
Name	SAC-WD3202MVOC-II	SAC-WDL3203MVOC-II	SAC-WDL32043MOC-II
Video System	NTSC / PAL Selectable		
Image Sensor	1/2.9" Sony 2.1M Exmor CMOS Sensor		
Video Frame Rate (Maximum)	1920X1080P@25/30fps		
Minimum Illumination	Color:0.1Lux,B/W:0.06Lux@F1.4 Sense-up:0.001Lux@F1.4	Color: 0.1 Lux, B/W: 0.06 Lux, IR On: 0 Lux @F1.4	
Video Output	Standard: AHD; Optional: AHD and CVBS Dual Output		
IR LED; Working Distance(Meter)	N/A	24pcs, 15~20M	30pcs Hi-Bright (OSRAM LEDs), 20-25M
OSD Menu	OSD / Remote CoC (Via the Coax)		
Day & Night Mode	Auto / Color / B&W / 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	Hi / Middle / Low / Off ; Program ; On / Off		
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low		
DNR	2D/3D ; High / Middle / Low / Off		
Language	English, Japanese, Traditional Chinese, Simplified Chinese		
Image Effects	Sharpness / Mirror / Flip / Motion		
Privacy Zone Masks	16 Zones Programmable		
Automatic IRIS; Connector	DC Iris		
Lens	Built-in Motorized Lens, f2.8~12mm / F1.4	Built-in Motorized Lens f2.8~12mm / F1.4	Built-in Motorized Lens f2.8~12mm / F1.4
Lens Option	N/A	N/A	N/A
Water Resistance; Max. Breaking Strength	N/A	IP66	IP66
Power Supply; Consumption	PoC/12Vdc; 3.36W	PoC/12Vdc; Max.5.6W	PoC/12Vdc; Max.5.6W
Operation; Storage Temp.	-10° C~50° C ; -20° C~60° C		
Operation; Storage Humidity	Maximum: RH80% ; RH90%		
Dimensions	140(DIA) x 112mm	140(DIA) x 112mm	87(DIA) x 280mm
Net Weight	500g	1000g	700g

Specifications are subject to change without notice.

AHD 1080P One Cable Motorized & Zoom

	Box	IR Bullet
Model	 ICR 120dB	 ICR IP66 120dB
Name	AZC-HDL5210MAOC	AZC-HDL5210MDOC
Video System	NTSC / PAL Selectable	
Image Sensor	1/2.8" Sony 2.1M STARVIS CMOS Sensor	
Video Frame Rate (Maximum)	1920x1080P@25/30fps	
Minimum Illumination	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 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	
Water Resistance ; Max. Breaking Strength	N/A	IP66
Power Supply; Consumption	PoC/12Vdc; 3.36W	PoC/12Vdc; 6.36W
Operation; Storage Temp.	-10° C ~ 50° C ; -20° C ~ 60° C	
Operation; Storage Humidity	Maximum: RH80% ; RH90%	
Dimensions	55(W) x 46(H) x 144(L)mm	89(DIA) x 168mm
Net Weight	400g	700g

One Cable Power Unit for AHD Motorized & Zoom

	1CH	4CH
Model		
Model Name	SAD-TX1024	SAD-RX041E
CH	1Ch AHD PoC Power Transmitter	4Ch AHD Receiver (PoC)
Standard	AHD 1080P	
Input	AHD (BNC) x 1	AHD BNC Input Connector x 4
Cable Transmission Distance	AHD PoC Camera 250 Meter Via 5F-FB or 5C2V	
PoC Transmission	AHD Video / Power / Control (OSD & Zoom)	
AHD Resolution	AHD 1080P/25/30fps	
OSD Control	5 Keys buttons	
Zoom / Motorized Lens Control	Zoom in/Out & Focus Near/Far via Tact Switch	
AHD Output	AHD (BNC) x 1	AHD BNC Output Connector x 4
HDMI Output	HDMI(1.3a)Type A Connector (Output) x1	N/A
HDMI Resolution	Full HD 1080P@25/30fps	N/A
Audio Input; Output	N/A	N/A
RS-485 Input; Output	N/A	N/A
DI/DO	N/A	N/A
Power in	DC24V / 1.0A	AC 90~260Vac ; Max.12W/Ch
LED indicator	Green: Power in Red: PoC Power Out	
Over Load Protection	Yes	
Temperature; Humidity	-10°C ~ 50°C; Maximum: RH80% ; RH90%	
Dimension; Weight	45 (W) x 60 (H) x 25 (D) mm; 120g	216(W) x 45(H) x 272.5(L)mm; 2.5Kg

AHD Camera

AHD 5M/4M Starlight

5M / 4M / Starlight / CoC

	Box	Indoor Dome	Vandal IR Dome	IR Bullet
Model	 ICR	 SHANY	 SHANY IP66	 SHANY IP66
Name	SAC-WD2501MS	SAC-WD2502S	SAC-WDL25031MS	SAC-WDL25043MS
Video System	NTSC / PAL Selectable			
Image Sensor	1/2.8" 5.1M STARVIS Sensor			
Video Frame Rate	5M@20fps, 4M@25/30fps, 1080P@25/30fps			
Minimum Illumination	0.02Lux@F1.2, B/W: 0.01Lux@F1.2, Sense-up:0.001Lux@F1.2	0.05Lux@F1.4, B/W: 0.02Lux@F1.4, Sense-up:0.001Lux@F1.4	0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0 Lux	
Video Output	5M,4M or 1080P			
IR LED; Working Distance(Meter)	N/A	N/A	24pcs LEDs, 12-15M	30pcs Hi-Bright (OSRAM LEDs), 20-25M
OSD Menu	OSD / CoC (Via the coax)			
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), 1/200(1/240) 1/480, 1/1000, 1/2000, 1/5000, 1/10000, 1/50000 Sec			
Auto Gain Control	0~16 Steps			
White Balance	ATW / AWB / PWB (Push Lock) / Manual			
HDR; BLC; HLC	DWDR / Middle / Low / Off ; Program ; On / Off			
Flickerless	On / Off			
Dynamic Noise Reduction	3D / 2D			
Sense up	On (x2, x4; x6, x8, x10; x15, x20, x25, 30) / Off			
Language	English, Japanese, Traditional Chinese, Simplified Chinese, German, French, Italian, Spanish.Polish,Russian,Portuguese,Dutch,Turkish			
Image Setting	Sharpness / Mirror / V-Flip / Rotate			
Motion Detection	Off			
Lens	N/A	f2.8~12mm	f2.8~12mm, D/N	f2.8~12mm, D/N
Lens Options	N/A	N/A	N/A	N/A
Water Resistance; Max. Breaking Strength	N/A	N/A	IP66	IP66
Power Supply; Consumption	12Vdc; 3.36W	12Vdc; 3.36W	12Vdc; Max.5.6W	12Vdc; Max.5.6W
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	124(DIA) x 102mm	133(DIA) x 101mm	87(DIA) x 280mm
Net Weight	400g	320g	700g	700g

AHD/TVI/CVI 1080P Hybrid 3.5X Easy Zoom

Full HD / Easy Zoom / CoC

	Indoor Dome	Vandal IR Dome	IR Bullet
Model	 90dB	 ICR IP66 90dB	 ICR IP66 90dB
Name	HZC-WD322M	HZC-WDL327MZ	HZC-WDL329BMZ
Video System	NTSC / PAL Selectable		
Image Sensor	1/2.9" Sony 2.1M Exmor CMOS Sensor		
Video Frame Rate (Maximum)	1920x1080P@25/30fps		
Minimum Illumination	Color: 0.1 Lux, B/W: 0.06 Lux, Sensor-up:0.001Lux@F1.4	Color: 0.1 Lux, B/W: 0.06 Lux, IR On: 0 Lux @F1.6	
FHD Video Output	AHD / TVI / CVI 1080P or CVBS via OSD Switchable		
Analog Video Output	Available via OSD Switchable		
IR LED; Working Distance(Meter)	N/A	24pcs LEDs, 12-15M	6pcs Array Type LEDs
OSD Menu	OSD Control / CoC + UTC		
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	16 Zones Programmable		
Motion Detection	On: Sensitivity, Programmable / Off		
Camera Control Interface	Support CoC / UTC and AHD-C, Hikvision-C, CVI & PELCO-D Protocol		
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	Auto Focus; Day / Night Switch Re-Auto Focus		
Water Resistance; Max. Breaking Strength	N/A	IP66	IP66
Power Supply; Consumption	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	116(DIA) x95mm	133(DIA) x 101mm	77(DIA) x136.7mm
Net Weight	450g	700g	400g

AHD 1080P 10X Smart Zoom / LPR

HDR / Smart Zoom / LPR

	Box	Mini PTZ	IR Bullet	LPR
Model	 ICR 120dB	 ICR 120dB	 ICR IP66 120dB	 ICR IP66 120dB
Name	AZC-HDL5210MA1	AZC-HD8110	AZC-HDL5210MD	AZC-HDL5210MD-C
Video System	NTSC / PAL Selectable			
Image Sensor	1/2.8” Sony 2.1M STARVIS CMOS Sensor			
Video Frame Rate (Maximum)	1920x1080P@25/30fps ; 1280x720P@25/30FPS			
Minimum Illumination	Color: 0.01Lux@F1.8, B/W: 0.05Lux@F1.8, Sensor-up:0.001Lux@F1.8		Color: 0.01Lux@F1.8, B/W: 0.05Lux@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 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	N/A	D/N Preset
Water Resistance ; Max. Breaking Strength	N/A	N/A	IP66	IP66
Power Supply; Consumption	12Vdc; 3.36W	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) x 46(H) x 144(L)mm	140 x 135mm	89(DIA) x 168mm	89(DIA) x 168mm
Net Weight	400g	950g	700g	700g

AHD/TVI 1080P 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) x 53(H) x 302(D) mm± 5mm		319(W) x 53(H) x 302(D) mm± 5mm		420(W) x 65(H) x 305(D) mm± 5mm	
Temperature	0°C ~ 40°C		0°C ~ 40°C		0°C ~ 40°C	

Specifications are subject to change without notice.

Analog Camera

Analog

850TVL / Starlight / WDR

		Box		Indoor Dome	Vandal IR Dome	Bullet
						
	Model	MTC-WD103MSC	MTC-WD403SC	MTC-WD203SC	MTC-WDL5031SC	MTC-WDL6031SC
Video	Image Sensor	1/3.2" Sony HWDR 1280H STARVIS CMOS Sensor Color Camera				
	Total Pixels	1280(H) x 960(V)				
	Resolution ; DSP	Color: 820TVL, B/W: 850TVL; Sony ISX017				
	Minimum Illumination	Color: 0.05Lux@F1.4, B/W:0.03Lux@F1.4				Color: 0.05Lux@F1.4, B/W:0.03Lux@F1.4, IR On:0Lux@F1.4
	Wide Dynamic Range	75dB				
	Video Output	960P@50fps/60fps / 1.0Vp-p Composite, 75Ω (BNC)				
	Signal to Noise Ratio (S/N)	More than 55dB (AGC Off)				
	Gamma Correction	0.45				
	Mechanical IR Cut Filter (ICR)	Yes	N/A	N/A	Automatically Switches (Switching Lux Level can be adjusted)	
	IR LED; Distance; IR Optimizer	N/A	N/A	N/A	24pcs 5Ø	20pcs (Hi-Bright)
Function	Menu	OSD				
	Title	Title (Location)				
	Synchronizing System	Internal				
	Day&Night Mode	Day / Night / Auto				
	Auto Electronic Shutter	Auto: 1/50(60)~1/100,000(S)				
	Manual Electronic Shutter	Manual: 1/50(1/60), 1/100, 1/120, 1/125, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/8,000, 1/10,000, 1/20,000, 1/40,000, 1/80,000, 1/100,000(S)				
	Automatic Gain Control	Auto (4 levels)				
	White Balance	ATW / Push / User1 / User2 / Manual / Push Lock				
	WDR ATR	High / Mid / Low				
	Back Light Compensation	HLC / BLC / Off				
	Defog	Auto / Off				
	Digital Noise Reduction	Y/C DNR (Level 1~7)				
	Language	English / Deutsch / French / Russian / Portuguese / Spanish / Simplified Chinese				
	Privacy	On / Off (16 Zones Programmable, Quadrangle Mosaic)				
	General	Automatic IRIS; Connector	DC			
Lens Mount		N/A (CS/C Mount)	Built in DC Auto IRIS Lens			
Lens; Angle of View (H)		N/A	f2.8~12mm; Horizontal: 34°~109 °, Vertical: 26°~ 82°		f2.8~12mm / F1.4 ICR; Horizontal: 34°~109 °, Vertical: 26°~ 82°	
Water Resistance ; Max. Breaking Strength		N/A	N/A	N/A	IP66; N/A	IP66; N/A
Power Supply; Consumption		12Vdc: 1.2W; 12Vdc/24Vac: 8.2W, PoC (Option)	12Vdc:1.2W; 12Vdc/24Vac:2.2W, PoC (Option)		12Vdc/650mA; 7.8W	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		62(W)x56(H)x120(L)mm	55(W)x46(H)x144(L)mm	124(DIA)x102mm	133(DIA)x101mm	80(DIA)x160mm
Net Weight		350g	400g	320g	700g	520g

Ex-SDI One Cable Camera

EX-SDI 1080P One Cable Professional

1080P / Varifocal Lens / One Cable / DC12V / OSD Controller

	BOX	Indoor Dome	Vandal IR Dome	IR Bullet
Model	 ICR		 ICR IP66	 ICR IP66
Name	SSC-WD3201MOC-II	SSC-WD3202OC-II	SSC-WDL32031MOC-II	SSC-WDL32043MOC-II
Video System	NTSC / PAL Selectable			
Image Sensor	1/2.9" Sony 2.1M Exmor CMOS Sensor			
Video Frame Rate (Maximum)	1920x1080P@25/30fps			
Minimum Illumination	Color: 0.05Lux,B/W:0.02Lux, Sensor-up:0.001Lux@F1.2	Color: 0.1 Lux, B/W: 0.06 Lux @ F1.4, Sensor-up:0.001Lux@F1.4	Color: 0.1 Lux, B/W: 0.06 Lux, IR On: 0 Lux @F1.4	
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	24pcs; 15~20M	30pcs Hi-Bright (OSRAM LEDs), 20-25M
OSD Menu	OSD / CoC (Via the Coax)			
Day & Night Mode	Auto / Color / B&W / 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	Hi / Middle / Low / Off ; Program ; On / Off			
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low			
DNR	2D/3D ; High / Middle / Low / Off			
Language	English, Japanese, Traditional Chinese, Simplified Chinese			
Image Effects	Sharpness / Mirror / Flip / Motion			
Privacy Zone Masks	16 Zones Programmable			
Automatic IRIS; Connector	DC Iris			
Lens	N/A	Built-in Varifocal Lens, f2.8~12mm / F1.4	Built-in Varifocal D/N Lens, f2.8~12mm / F1.4	Built-in Varifocal D/N Lens, f2.8~12mm / F1.4
Lens Option	N/A	N/A	N/A	N/A
Water Resistance; Max. Breaking Strength	N/A	N/A	IP66	IP66
Power Supply; Consumption	PoC/12Vdc; 2W	PoC/12Vdc; 2W	PoC/12Vdc; Max.5.6W	PoC/12Vdc; Max.5.6W
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	133(DIA)x101mm	87(DIA) x 280mm
Net Weight	350g	500g	700g	500g

Specifications are subject to change without notice.

EX-SDI One Cable Motorized & Zoom

1080P / Motorized Lens / One Cable / Remote OSD

	Indoor Dome	Vandal IR Dome	IR Bullet	Box	IR Bullet
Model	 54dB	 ICR IK10 IP66 54dB	 ICR IP66 54dB	 120dB	 ICR IP66 120dB
Name	SSC-WD3202MVOC-II	SSC-WD3203MVOC-II	SSC-WDL32043MOC-II	SZC-HDL5210MAOC	SZC-HDL5210MDOC
Video System	NTSC / PAL Selectable				
Image Sensor	1/2.9" Sony 2.1M Exmor CMOS Sensor			1/2.8" Sony 2.1M STARVIS CMOS Sensor	
Video Frame Rate (Maximum)	1920X1080P@25/30fps			1920x1080P@25/30fps ; 1280x720P@25/30FPS	
Minimum Illumination	Color:0.1Lux,B/W:0.06Lux@F1.4 Sense-up:0.001Lux@F1.4	Color: 0.1 Lux, B/W: 0.06 Lux, IR On: 0 Lux @F1.4		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
Video Output	BNC Connector (HD-SDI/EX-SDI) & Composite Simultaneous ; Composite is disabled when WDR On				
IR LED; Working Distance(Meter)	N/A	24pcs; 15~20M	30pcs Hi-Bright (OSRAM LEDs), 20-25M	N/A	30pcs(6pcs High Power,24pcs Hi-Bright), 30-40M
OSD Menu	OSD / CoC (Via the Coax)				
Day & Night Mode	Auto / Color / B&W / External			Color / B&W / Auto / IR Sync	
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	Hi / Middle / Low / Off ; Program ; On / Off				
Fog Reduction	Auto / Manual / Off ; Level: High / Middle / Low				
DNR	2D/3D ; High / Middle / Low / Off				
Language	English, Japanese, Traditional Chinese, Simplified Chinese				
Image Effects	Sharpness / Mirror / Flip / Motion				
Privacy Zone Masks	16 Zones Programmable				
Automatic IRIS; Connector	DC Iris				
Lens	Built-in Motorized Lens, f2.8~12mm / F1.4	Built-in Motorized Lens f2.8~12mm / F1.4	Built-in Motorized Lens f2.8~12mm / F1.4	10X Optical Zoom f5.0mm(Wide)~50mm(Tele), H:49.38° (Wide)~5.30° (Tele)	
Lens Option	N/A	N/A	N/A		
Water Resistance; Max. Breaking Strength	N/A	IP66	IP66	N/A	IP66
Power Supply; Consumption	PoC/12Vdc; 3.36W	PoC/12Vdc; Max.5.6W	PoC/12Vdc; Max.5.6W	PoC/12Vdc; 3.36W	PoC/12Vdc; 6.36W
Operation; Storage Temp.	-10° C~50° C ; -20° C~60° C				
Operation; Storage Humidity	Maximum: RH80% ; RH90%				
Dimensions	140(DIA)x112mm	140(DIA) x 112mm	87.4 x 77.5 x 255.7mm	55(W) x 46(H) x 144(L)mm	89(DIA) x 168mm
Net Weight	500g	700g	500g	400g	700g

Specifications are subject to change without notice.

Coaxial-Full-HD-JP_SG_v06_en_18-06

One Cable Power Unit for Ex-SDI 1080P Motorized & Zoom

Remote OSD

	1CH	4CH
Model		
Model Name	SSD-TX1024	SSD-RX041E
CH	1ch EX-SDI PoC Power Transmitter	4ch EX-SDI Receiver (PoC)
SDI Standard	EX-SDI , HD-SDI	
Input	EX-SDI or HD-SDI (BNC) x 1	EX-SDI or HD-SDI BNC Input Connector x 4
Cable Transmission Distance	EX-SDI PoC Camera 250 Meter Via 5F-FB or 5C2V, HD-SDI PoC Camera 120 Meter Via 5F-FB or 5C2V	
PoC Transmission	EX-SDI or HD-SDI Video / Power / Control (OSD & Zoom)	
SDI Resolution	EX-SDI 1080P/25/30fps; HD-SDI 1080P/25/30fps	
OSD Control	5 Keys buttons	
Zoom / Motorized Lens Control	Zoom in/Out & Focus Near/Far via Tact Switch	
SDI Output	HD-SDI (BNC) x 1	HD-SDI BNC Output Connector x 4
HDMI Output	HDMI(1.3a)Type A Connector (Output) x1	N/A
HDMI Resolution	Full HD 1080P@50/60fps	N/A
Audio Input; Output	N/A	N/A
RS-485 Input; Output	N/A	N/A
DI/DO	N/A	N/A
Power in	DC24V / 1.0A	AC90~260Vac ; Max.12W/Ch
LED indicator	Green: Power in, Red: PoC Power Out	
Over Load Protection	Yes	
Temperature; Humidity	-10°C ~ 50°C; Maximum: RH80% ; RH90%	
Dimension; Weight	45 (W) x 60 (H) x 25 (D) mm; 120g	216(W) x 45(H) x 272.5(L)mm; 2.5Kg

Specifications are subject to change without notice.

SDI Camera

EX-SDI 1080P Starlight

STARVIS / HDR

	Box		Indoor Dome	Vandal IR Dome	IR Bullet
Model	 ICR 120dB	 ICR 120dB	 120dB	 ICR IK10 IP66 120dB	 IP66 120dB
Name	SSC-WD6301MS	SSC-HD5201M	SSC-HD5202	SSC-HDL5203M	SSC-HDL52043M
Video System	NTSC / PAL Selectable				
Image Sensor	1/2.8" Sony 2.1M STARVIS CMOS Sensor				
Video Frame Rate (Maximum)	HD-SDI 1080P@50/60fps	1080P@25/30fps ; 720P@25/30fps			
Minimum Illumination	Color: 0.02Lux@F1.2, B/W: 0.005Lux@F1.2		Color: 0.05Lux@F1.4, B/W: 0.02Lux@F1.4, IR On: 0Lux@F1.4		
Digital Video Output	HD-SDI	EX-SDI / HD-SDI , Swichable via OSD			
Analog Video Output	CVBS (1.0Vp-p Composite, 75Ω)				
IR LED ; Working Distance(Meter)	N/A	N/A	N/A	30pcs Hi-Bright, 16~20M	30pcs Hi-Bright (OSRAM LEDs), 25~30M
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	N/A	f2.8~12mm	f2.8~12mm, D/N	f2.8~12mm, D/N
Lens Options	N/A	N/A	N/A	N/A	N/A
Water Resistance; Max. Breaking Strength	N/A	N/A	N/A	IP66 ; IK10	IP66
Power Supply; Consumption	12Vdc, Option: PoC ; 3.36W	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)
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
Operation; Storage Humidity	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	120(L) x 56(H) x 67(W)mm	140(DIA)x112mm	140(DIA)x112mm	87(DIA) x 280mm
Net Weight	400g	400g	500g	1000g	500g

EX-SDI 1080P 3.5X Easy Zoom

WDR / 3.5X EasyZoom

	Indoor Dome	Vandal IR Dome	IR Bullet
Model		 ICR IP66 90dB	 ICR IP66 90dB
Name	SZC-WD322M	SZC-WD327M	SZC-WD329M
Video System	NTSC / PAL Selectable		
Image Sensor	1/2.9" Sony 2.1M Exmor CMOS Sensor		
Video Frame Rate (Maximum)	1920x1080P@25/30fps		
Minimum Illumination	Color: 0.1 Lux, B/W: 0.06 Lux@F1.6 Sensor-up : 0.001Lux@F1.6	Color: 0.1 Lux, B/W: 0.06 Lux, IR On: 0 Lux @F1.6	
Digital Video Output	EX-SDI / HD-SDI , Switchable via OSD		
Analog Video Output	Available via OSD Switchable		
IR LED; Working Distance(Meter)	N/A	24pcs LEDs, 12-15M	30pcs Hi-Bright (OSRAM LEDs), 20-25M
OSD Menu	OSD Control / CoC + UTC		
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	N/A	IP66	
Power Supply; Consumption	12Vdc /400mA; 4.8W	12Vdc/400mA; 4.8W	12Vdc/650mA; 7.8W
Operation; Storage Temp.	-10°C ~ 50°C; -20°C ~ 60°C		
Operation; Storage Humidity	Maximum: RH80% ; RH90%		
Dimensions	116(DIA) x95mm	133(DIA) x 101mm	87(DIA) x 280mm
Net Weight	450g	700g	640g

Specifications are subject to change without notice.

EX-SDI 10X/20X Smart Zoom

HDR /10X, 20X Smart Zoom

	10X Zoom	10X Zoom	20X Zoom
Model	 ICR 120dB	 ICR IP66 120dB	 ICR 120dB
Name	SZC-HD5210MA1	SZC-HDL5210MD	SZC-HD2020GB
Video System	NTSC / PAL Selectable		
Image Sensor	1/2.8" Sony 2.1M STARVIS 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: 0.01Lux@F1.8, B/W: 0.05Lux@F1.8, Sensor-up:0.001Lux@F1.8	Color: 0.01Lux@F1.8, B/W: 0.05Lux@F1.8, IR On: 0Lux@F1.8	Color:0.02Lux,B/W:0.005Lux@F1.6
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
OSD Menu	OSD Control / CoC		
Day & Night Mode	Color / B&W / Auto / IR Sync		Color / B&W / Auto
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 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/F1.8	f5.0mm~50mm/F1.8	f4.7~94mm/F1.8
Minimum Work Distance	1 Meter	1 Meter	0.1m (Wide)~0.5m (Tele)/F1.6
Focus System	Smart Zoom & Auto Focus		
Water Resistance; Max. Breaking Strength	N/A	IP66	N/A
Power Supply; Consumption	12Vdc, Option: PoC ; 3.36W	12Vdc, Option: PoC ; 6.36W	12Vdc; 3.36W
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) x 168mm	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 IP66
Name	SSC-WD84M2020	SSC-WD92M2020	SSC-WDL93M2020
Video System	NTSC / PAL		
Image Sensor	1 / 2.8" Sony 2.1M Progressive Exmor CMOS Sensor		
Resolution	1920(H)x1080(V)		
Video Frame Rate (Maximum)	1920x1080P@25/30fps		
SDI Standards	HD-SDI		
Minimum Illumination	Color: 0.02Lux, B/W: 0.005Lux@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.

Bracket

	Dome Bracket						Bullet Bracket
Model	 Plastic	 Metal					
Name	MTB-201	MTB-413	MTB-423	MTB-503	MTB-504	G-142	MTB-414S
Mount	Indoor Wall Mount	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	This bracket used to mount follow Dome camera HZC-WDL327MZ, AZC-WDL327M, AZC-WDL427M, AZC-HDL527M, SAC-WDL32031M-II	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)	  	 			 	 	  MTB-423

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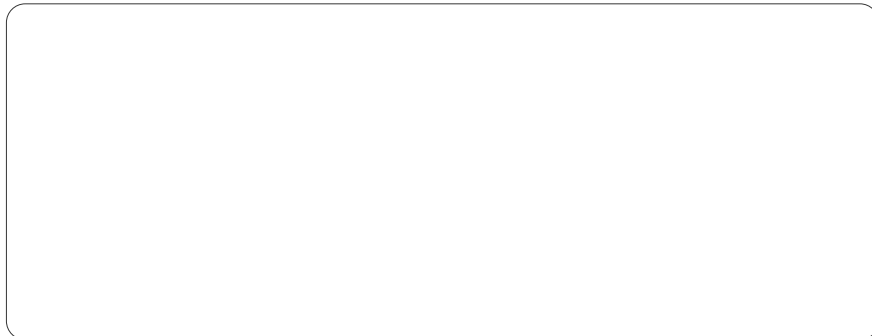
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