

SHANY

THE ELITE OF CCTV

HDcctv (SDI) Solution



3G-SDI (1080P) HDcctv Camera
HD-SDI (720P) HDcctv Camera
HD-SDI (720P) HDcctv SpeedDome Camera
3G-SDI Receiver
SDI DVR
Accessories

B03~B09
B10~B15
B16~B17
B18~B19
B20~B20
B21~B22



3G-SDI (1080P) HDcctv Camera

3G-SDI (1080P)

Full HD 1920x1080P@50/60fps
1/2.8" Sony 3.0 Megapixel
Progressive Exmor™ CMOS Sensor
Simultaneous Video Output:
SDI / Composite BNC
Multi-Language OSD Control



SSC-WD2311MDN
1920x1080P@50/60fps

B03



SSC-WD2316MDN
1920x1080P@50/60fps

B04



SSC-WD2321MDN
1920x1080P@50/60fps
f3.0~10mm/F1.3

B05



SNC-WD2331MDN
1920x1080P@50/60fps
f3.0~10mm/F1.3

B06



SSC-WDL2321DN
1920x1080P@50/60fps
f3.0~10mm/F1.3

B07



SSC-WDL2331DN
1920x1080P@50/60fps
f3.0~10mm/F1.3

B08



SSC-WD2315MDN
1920x1080P@25/30fps
HD-SDI (1080P)

B09

HD-SDI (720P) HDcctv Camera

HD-SDI (720P)

HD 1280x720P@25/30fps
1/3" Panasonic 1.3 Megapixel
Progressive CMOS Sensor
Video Output: SDI
Multi-Language OSD Control



SSC-WD2114MDN
1280x720P@25/30fps

B10



SSC-WD2121DN
SSC-WD2121MDN
1280x720P@50/60fps
f3.0~10mm/F1.3

B11



SNC-WD2131DN
SSC-WD2131MDN
1280x720P@50/60fps
f3.0~10mm/F1.3

B12



SSC-WDL2121DN
1280x720P@50/60fps
f3.0~10mm/F1.3

B13



SSC-WDL2131DN
1280x720P@50/60fps
f3.0~10mm/F1.3

B14



SSC-WDL2141DN
1280x720P@50/60fps
f3.8~9.5mm/F1.2

B15

HD-SDI (720P) HDcctv SpeedDome Camera

HD-SDI (720P)

HD 1280x720P@30fps
1/3" 1.3 Megapixel CMOS Sensor
Optical 22x, Digital 16x, Total 352x
Optical 12x, Digital 16x, Total 192x



SSC-HS91IR22DN, HS-82IR22DN
SSC-HS81IR22DNS, HS81IR22DNC
1280x720P@30fps, 22x

B16



SSC-HS91IR12DN, HS-82IR12DN
SSC-HS81IR12DNS, HS81IR12DNC
1280x720P@30fps, 12x

B17

3G-SDI Receiver

3G-SDI Receiver

SDI Standards 3G-SDI (SMPTE 424M)
HD-SDI(SMPTE 292M) with IP Function
Real-time High Quality Digital Video
Transmission ; OSD Control
Support 3G-SDI (SMPTE 424M)
HD-SDI (SMPTE 292M)



SSD-RX010, SSD-RX010N
3G-SDI Receiver

B18



SSD-RX011, SSD-RX011N
3G-SDI Receiver

B19

SDI DVR

3G-SDI DVR

HD-CCTV Megapixel Video Inputs and
Analog Video Inputs
H.264 Compression format
Multiple Control Inputs: mouse/
front panel/ IR remote control/keyboard



SSR-ST1004A04
4ch HDcctv + 4ch Analog
Hybrid HD-DVR

B20

Accessories

Accessories

Repeater, Splitter
Camera Controller
Lens
Power Supply



Repeater
SSD-RP101

B21



Splitter
SSD-SP104

B21



MCU-PTZ071
Camera Controller

B22



Lens
Megapixel

B22



Power Supply

B22



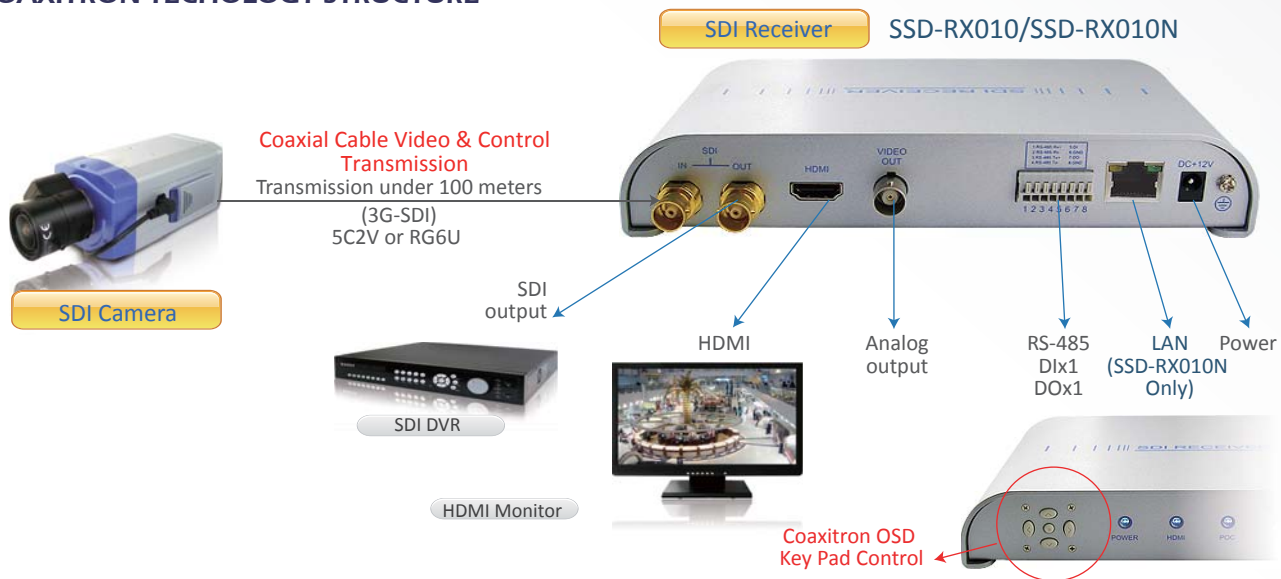
HDMI Cable
HDMI-030RG/MM

B22

COAXITRON TECHNOLOGY

- Coaxitron Technology, Coaxial Cable **Video & Control** Transmission
- SDI Standards 3G-SDI (SMPTE 424M) & HD-SDI (SMPTE 292M)
- Long –distance transmission up to 100 meters, can be cascade to extend the total distance.
- Real-time High Quality Digital Video Transmission ; Easy Installation, Easy Setting , Easy Control
- Support SDI: Full HD 1920x1080P@25/30/50/60fps, HD 1920x1080i@50/60fps, HD 1280x720P@25/30/50/60fps
- Triple Video Output(Simultaneity): SDI / BNC / HDMI (Only SSC-WD2311MDN, SSC-WD2111MDN have HDMI Output)

COAXITRON TECHNOLOGY STRUCTURE



EXCLUSIVE ONE CABLE TECHNOLOGY

- Exclusive One Cable Technology, One Cable Transmission(**Video/Audio/Power/Control**)
- SDI Standards 3G-SDI (SMPTE 424M) & HD-SDI (SMPTE 292M)
- Long –distance transmission up to 100 meters, can be cascade to extend the total distance.
- Real-time High Quality Digital Video Transmission ; Easy Installation, Easy Setting , Easy Control
- Support SDI: Full HD 1920x1080P@25/30/50/60fps, HD 1920x1080i@50/60fps, HD 1280x720P@25/30/50/60fps
- Triple Video Output(Simultaneity): SDI / BNC / HDMI (Only SSC-WD2311MDN, SSC-WD2111MDN have HDMI Output)

ONE CABLE TECHNOLOGY STRUCTURE



FEATURES

- Full HD 1920x1080P@50/60fps (3G-SDI) Color Camera
- 1/2.8" Sony 3.0 Megapixel Progressive Exmor™ CMOS Sensor
- Color:0.1Lux@F1.2, B/W:0.01Lux@F1.2, Sense-up:0.001Lux@F1.2
- Simultaneous Video Output: SDI / HDMI / Composite BNC
- Multi-Language OSD Control
- OSD Control / by RS485 Remote Control / by Coaxial Control
- 2D Noise Reduction & Sense Up Functions
- Shutter Mode (AUTO / MANUAL)
- Mechanical IR Cut Filter (ICR)
- RS-485x1, Dlx1, DOx1 / Option: PoC + Audio



OPTION
SDI Receiver
without PoC

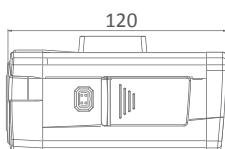
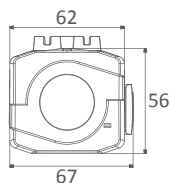
SSD-RX010

SSD-RX010N

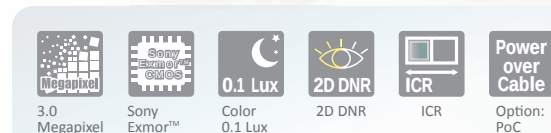
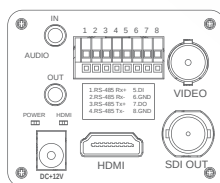
OPTION
SDI Receiver
with PoC

SSD-RX011

SSD-RX011N



12Vdc, Option:PoC



SPECIFICATIONS

Tol:±0.5 Unit:mm

	SSC-WD2311MDN
Video System	PAL / NTSC Selectable
Image Sensor	1/2.8" Sony 3.0 Megapixel Progressive Exmor™ CMOS Sensor
Resolution	1920(H)x1080(V)
Frame Rates	1920x1080P@50/60fps ; Adjustable to 1920x1080P@25/30fps, 1920x1080i@50/60fps
SDI Standards	3G-SDI (SMPTE 424M)
Minimum Illumination	Color:0.1Lux@F1.2, B/W:0.01Lux@F1.2, Sense-up:0.001Lux@F1.2
Digital Wide Dynamic Range	512x Normal Camera (54dB)
Digital Video Output	BNC connector (SDI) x1 / HDMI x1
Analog Video Output	BNC connector (1.0Vp-p Composite, 75Ω) x1
Audio	Option:Two-way Audio
Mechanical IR Cut Filter (ICR)	Automatically Switches (Switching Lux Level Can Be Adjusted) / External
IR LED ; Working Distance	Compatible with Infrared Illuminator
OSD Menu	OSD Control / by RS485 Remote Control / by Coaxial Control
Digital Day&Night Mode	COLOR / B&W / AUTO / EXTERNAL
Multi-Electronic Shutter	Auto Shutter: Self Defined Auto Shutter Speed Range Programmable Manual Shutter: 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.
Automatic Gain Control	128 Levels (Adjustable Level Settings)
White Balance	ATW / AWB / MANUAL / PUSH LOCK / 3200K / 6300K
WDR ; BLC	WDR / BLC / OFF
Flickerless	PAL 50Hz / NTSC 60Hz / OFF
Dynamic Noise Reduction	2D
Sense Up	ON (2~6X) / OFF
Language	ENGLISH, JAPANESE, TRADITIONAL CHINESE, SIMPLIFIED CHINESE (Option Not Changeable)
I/O Connector	RS-485(Pelco D/P)x1 / Dlx1 / DOx1, Option:Audio In(3.5mm)x1 / Audio Out(3.5mm)x1
Automatic IRIS ; Connector	DC ; D4 IRIS Jack
Lens Mount	CS / C mount (With Adaptor Ring)
Lens, Angle of View (H)	Lens Option: Please See the Page of Lens Series
Water Resistance	NA
Max. Breaking Strength	NA
Power Supply ; Consumption	Standard:12Vdc, Option:PoC (Power over Cable) ; 4.2W
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
Net Weight	350g
Accessories Option	Lens:SHV-3M2812DAI, SHV-3M04NI ; SDI Receiver:SSD-RX010, SSD-RX010N, SSD-RX011, SSD-RX011N

*Specifications are unfixed and do not apply to customized projects. 120301

FEATURES

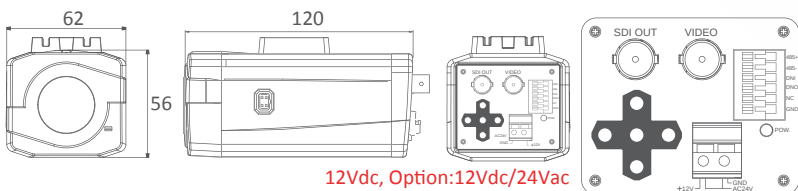
- Full HD 1920x1080P@50/60fps (3G-SDI) Color Camera
- 1/2.8" Sony 3.0 Megapixel Progressive Exmor™ CMOS Sensor
- Color:0.1Lux@F1.2, B/W:0.01Lux@F1.2, Sense-up:0.001Lux@F1.2
- Simultaneous Video Output: SDI / Composite BNC
- Multi-Language OSD Control
- OSD Control / by RS485 Remote Control / by Coaxial Control
- 2D Noise Reduction & Sense Up Functions
- Shutter Mode (AUTO / MANUAL)
- Mechanical IR Cut Filter (ICR)
- RS-485x1, Dlx1, DOx1 / Option: Dual Voltage (12Vdc/24Vac)



OPTION
SDI Receiver
without PoC

SSD-RX010

SSD-RX010N



12Vdc, Option:12Vdc/24Vac



SPECIFICATIONS

Tol:±0.5 Unit:mm

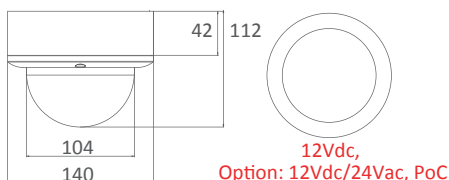
	SSC-WD2316MDN
Video System	PAL / NTSC Selectable
Image Sensor	1/2.8" Sony 3.0 Megapixel Progressive Exmor™ CMOS Sensor
Resolution	1920(H)x1080(V)
Frame Rates	1920x1080P@50/60fps ; Adjustable to 1920x1080P@25/30fps, 1920x1080i@50/60fps
SDI Standards	3G-SDI (SMPTE 424M)
Minimum Illumination	Color:0.1Lux@F1.2, B/W:0.01Lux@F1.2, Sense-up:0.001Lux@F1.2
Digital Wide Dynamic Range	512x Normal Camera (54dB)
Digital Video Output	BNC connector (SDI) x1
Analog Video Output	BNC connector (1.0Vp-p Composite, 75Ω) x1
Audio	NA
Mechanical IR Cut Filter (ICR)	Automatically Switches (Switching Lux Level Can Be Adjusted) / External
IR LED ; Working Distance	Compatible with Infrared Illuminator
OSD Menu	OSD Control / by RS485 Remote Control / by Coaxial Control
Digital Day&Night Mode	COLOR / B&W / AUTO / EXTERNAL
Multi-Electronic Shutter	Auto Shutter: Self Defined Auto Shutter Speed Range Programmable Manual Shutter: 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.
Automatic Gain Control	128 Levels (Adjustable Level Settings)
White Balance	ATW / AWB / MANUAL / PUSH LOCK / 3200K / 6300K
WDR ; BLC	WDR / BLC / OFF
Flickerless	PAL 50Hz / NTSC 60Hz / OFF
Dynamic Noise Reduction	2D
Sense Up	ON (2~6X) / OFF
Language	ENGLISH, JAPANESE, TRADITIONAL CHINESE, SIMPLIFIED CHINESE (Option Not Changeable)
I/O Connector	RS-485(Pelco-D/P)x1 / Dlx1 / DOx1
Automatic IRIS ; Connector	DC ; D4 IRIS Jack
Lens Mount	CS / C mount (With Adaptor Ring)
Lens, Angle of View (H)	Lens Option: Please See the Page of Lens Series
Water Resistance	NA
Max. Breaking Strength	NA
Power Supply ; Consumption	Standard:12Vdc, Option:12Vdc/24Vac ; 4.2W
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
Net Weight	350g
Accessories Option	Lens:SHV-3M2812DAI, SHV-3M04NI ; SDI Receiver:SSD-RX010, SSD-RX010N

*Specifications are unfixed and do not apply to customized projects. 120301

FEATURES

Indoor, Plastic
3-axis Gimbal Mechanism

- Full HD 1920x1080P@50/60fps (3G-SDI) Color Camera
- 1/2.8" Sony 3.0 Megapixel Progressive Exmor™ CMOS Sensor
- Color:0.1Lux@F1.3, B/W:0.01Lux@F1.3, Sense-up:0.001Lux@F1.3
- Simultaneous Video Output: SDI / Composite BNC
- Multi-Language OSD Control
- OSD Control / by RS485 Remote Control / by Coaxial Control
- 2D Noise Reduction & Sense Up Functions
- Shutter Mode (AUTO / MANUAL)
- Mechanical IR Cut Filter (ICR)
- RS-485x1, Dlx1, DOx1 / Option: PoC + Audio



OPTION
SDI Receiver
without PoC



OPTION
SDI Receiver
with PoC



3.0
Megapixel



Sony
Exmor™



0.1 Lux
Color
0.1 Lux



2D DNR



ICR



Power
over
Cable
Option:
PoC

SPECIFICATIONS

Tol:±0.5 Unit:mm

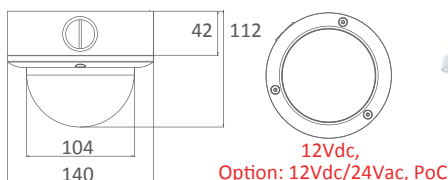
	SSC-WD2321MDN
Video System	PAL / NTSC Selectable
Image Sensor	1/2.8" Sony 3.0 Megapixel Progressive Exmor™ CMOS Sensor
Resolution	1920(H)x1080(V)
Frame Rates	1920x1080P@50/60fps ; Adjustable to 1920x1080P@25/30fps, 1920x1080i@50/60fps
SDI Standards	3G-SDI (SMPTE 424M)
Minimum Illumination	Color:0.1Lux@F1.3, B/W:0.01Lux@F1.3, Sense-up:0.001Lux@F1.3
Digital Wide Dynamic Range	512x Normal Camera (54dB)
Digital Video Output	BNC connector (SDI) x1
Analog Video Output	BNC connector (1.0Vp-p Composite, 75Ω) x1
Audio	Option:Two-way Audio
Mechanical IR Cut Filter (ICR)	Automatically Switches (Switching Lux Level Can Be Adjusted) / External
IR LED ; Working Distance	Compatible with Infrared Illuminator
OSD Menu	OSD Control / by RS485 Remote Control / by Coaxial Control
Digital Day&Night Mode	COLOR / B&W / AUTO / EXTERNAL
Multi-Electronic Shutter	Auto Shutter: Self Defined Auto Shutter Speed Range Programmable Manual Shutter: 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.
Automatic Gain Control	128 Levels (Adjustable Level Settings)
White Balance	ATW / AWB / MANUAL / PUSH LOCK / 3200K / 6300K
WDR ; BLC	WDR / BLC / OFF
Flickerless	PAL 50Hz / NTSC 60Hz / OFF
Dynamic Noise Reduction	2D
Sense Up	ON (2~6X) / OFF
Language	ENGLISH, JAPANESE, TRADITIONAL CHINESE, SIMPLIFIED CHINESE (Option Not Changeable)
I/O Connector	RS-485(Pelco D/P)x1 / Dlx1 / DOx1, Option:Audio In(3.5mm)x1 / Audio Out(3.5mm)x1
Automatic IRIS ; Connector	DC
Lens Mount	Built-in DC Auto IRIS Lens
Lens, Angle of View (H)	f3.0~10mm/F1.3 Aspherical Megapixel Varifocal D/N Lens/95.6°~28.8°
Water Resistance	NA
Max. Breaking Strength	NA
Power Supply ; Consumption	Standard:12Vdc, Option:12Vdc/24Vac, PoC (Power over Cable) ; 4.2W
Operation ; Storage Temp.	-10°C~50°C ; -20°C~60°C
Operation ; Storage Humidity	Maximum: RH80% ; RH90%
Dimensions	140(DIA)x112(H)mm
Net Weight	500g
Accessories Option	Bracket:MTB-201, MTB-504 ; SDI Receiver:SSD-RX010, SSD-RX010N, SSD-RX011, SSD-RX011N

*Specifications are unfixed and do not apply to customized projects. 120301

Outdoor, Vandalproof
3-axis Gimbal Mechanism

FEATURES

- Full HD 1920x1080P@50/60fps (3G-SDI) Color Camera
- 1/2.8" Sony 3.0 Megapixel Progressive Exmor™ CMOS Sensor
- Color:0.1Lux@F1.3, B/W:0.01Lux@F1.3, Sense-up:0.001Lux@F1.3
- Simultaneous Video Output: SDI / Composite BNC
- Multi-Language OSD Control
- OSD Control / by RS485 Remote Control / by Coaxial Control
- 2D Noise Reduction & Sense Up Functions
- Shutter Mode (AUTO / MANUAL)
- Mechanical IR Cut Filter (ICR)
- RS-485x1, Dlx1, DOx1 / Option: PoC + Audio



OPTION
Wall Mount
MTB-413



OPTION
Ceiling Mount
MTB-504

OPTION
SDI Receiver
without PoC



OPTION
SDI Receiver
with PoC



3.0
Megapixel



Sony
Exmor™



0.1 Lux
Color
0.1 Lux



2D DNR



ICR



Power
over
Cable
Option:
PoC

SPECIFICATIONS

Tol:±0.5 Unit:mm

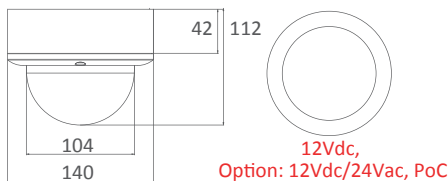
	SSC-WD2331MDN
Video System	PAL / NTSC Selectable
Image Sensor	1/2.8" Sony 3.0 Megapixel Progressive Exmor™ CMOS Sensor
Resolution	1920(H)x1080(V)
Frame Rates	1920x1080P@50/60fps ; Adjustable to 1920x1080P@25/30fps, 1920x1080i@50/60fps
SDI Standards	3G-SDI (SMPTE 424M)
Minimum Illumination	Color:0.1Lux@F1.3, B/W:0.01Lux@F1.3, Sense-up:0.001Lux@F1.3
Digital Wide Dynamic Range	512x Normal Camera (54dB)
Digital Video Output	BNC connector (SDI) x1
Analog Video Output	BNC connector (1.0Vp-p Composite, 75Ω) x1
Audio	Option:Two-way Audio
Mechanical IR Cut Filter (ICR)	Automatically Switches (Switching Lux Level Can Be Adjusted) / External
IR LED ; Working Distance	Compatible with Infrared Illuminator
OSD Menu	OSD Control / by RS485 Remote Control / by Coaxial Control
Digital Day&Night Mode	COLOR / B&W / AUTO / EXTERNAL
Multi-Electronic Shutter	Auto Shutter: Self Defined Auto Shutter Speed Range Programmable Manual Shutter: 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.
Automatic Gain Control	128 Levels (Adjustable Level Settings)
White Balance	ATW / AWB / MANUAL / PUSH LOCK / 3200K / 6300K
WDR ; BLC	WDR / BLC / OFF
Flickerless	PAL 50Hz / NTSC 60Hz / OFF
Dynamic Noise Reduction	2D
Sense Up	ON (2~6X) / OFF
Language	ENGLISH, JAPANESE, TRADITIONAL CHINESE, SIMPLIFIED CHINESE (Option Not Changeable)
I/O Connector	RS-485(Pelco D/P)x1 / Dlx1 / DOx1, Option:Audio In(3.5mm)x1 / Audio Out(3.5mm)x1
Automatic IRIS ; Connector	DC
Lens Mount	Built-in DC Auto IRIS Lens
Lens, Angle of View (H)	f3.0~10mm/F1.3 Aspherical Megapixel Varifocal D/N Lens/95.6°~28.8°
Water Resistance	IP66
Max. Breaking Strength	656.1 Kg
Power Supply ; Consumption	Standard:12Vdc, Option:12Vdc/24Vac, PoC (Power over Cable) ; 4.2W
Operation ; Storage Temp.	-10°C~50°C ; -20°C~60°C
Operation ; Storage Humidity	Maximum: RH80% ; RH90%
Dimensions	140(DIA)x112(H)mm
Net Weight	950g
Accessories Option	Bracket:MTB-413, MTB-504 ; SDI Receiver:SSD-RX010, SSD-RX010N, SSD-RX011, SSD-RX011N

*Specifications are unfixed and do not apply to customized projects. 120301

Indoor, Plastic
3-axis Gimbal Mechanism

FEATURES

- Full HD 1920x1080P@50/60fps (3G-SDI) Infrared Camera
- 1/2.8" Sony 3.0 Megapixel Progressive Exmor™ CMOS Sensor
- 0.00Lux (IR LEDs on at 2 Lux)
- Simultaneous Video Output: SDI / Composite BNC
- Multi-Language OSD Control
- OSD Control / by RS485 Remote Control / by Coaxial Control
- 2D Noise Reduction & Sense Up Functions
- Shutter Mode (AUTO / MANUAL)
- Mechanical IR Cut Filter (ICR)
- RS-485x1, Dlx1, DOx1 / Option: PoC + Audio



OPTION
SDI Receiver
without PoC



OPTION
SDI Receiver
with PoC



SPECIFICATIONS

Tol:±0.5 Unit:mm

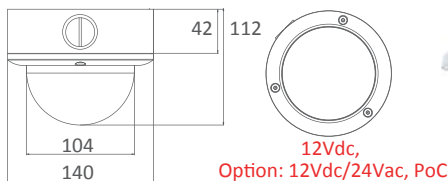
	SSC-WDL2321DN
Video System	PAL / NTSC Selectable
Image Sensor	1/2.8" Sony 3.0 Megapixel Progressive Exmor™ CMOS Sensor
Resolution	1920(H)x1080(V)
Frame Rates	1920x1080P@50/60fps ; Adjustable to 1920x1080P@25/30fps, 1920x1080i@50/60fps
SDI Standards	3G-SDI (SMPTE 424M)
Minimum Illumination	0.00Lux
Digital Wide Dynamic Range	512x Normal Camera (54dB)
Digital Video Output	BNC connector (SDI) x1
Analog Video Output	BNC connector (1.0Vp-p Composite, 75Ω) x1
Audio	Option:Two-way Audio
Mechanical IR Cut Filter (ICR)	Automatically Switches (B/W Mode<2Lux, Color Mode>5Lux)
IR LED ; Working Distance	30 units (IR LEDs on<2Lux, IR LEDs off>5Lux) ; 10~20m
OSD Menu	OSD Control / by RS485 Remote Control / by Coaxial Control
Digital Day&Night Mode	COLOR / B&W / AUTO
Multi-Electronic Shutter	Auto Shutter: Self Defined Auto Shutter Speed Range Programmable Manual Shutter: 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.
Automatic Gain Control	128 Levels (Adjustable Level Settings)
White Balance	ATW / AWB / MANUAL / PUSH LOCK / 3200K / 6300K
WDR ; BLC	WDR / BLC / OFF
Flickerless	PAL 50Hz / NTSC 60Hz / OFF
Dynamic Noise Reduction	2D
Sense Up	ON (2~6X) / OFF
Language	ENGLISH, JAPANESE, TRADITIONAL CHINESE, SIMPLIFIED CHINESE (Option Not Changeable)
I/O Connector	RS-485(Pelco-D/P)x1 / Dlx1 / DOx1, Option:Audio In(3.5mm)x1 / Audio Out(3.5mm)x1
Automatic IRIS ; Connector	DC
Lens Mount	Built-in DC Auto IRIS Lens
Lens, Angle of View (H)	f3.0~10mm/F1.3 Aspherical Megapixel Varifocal D/N Lens/95.6°~28.8°
Water Resistance	NA
Max. Breaking Strength	NA
Power Supply ; Consumption	Standard:12Vdc, Option:12Vdc/24Vac, PoC (Power over Cable) ; 9W
Operation ; Storage Temp.	-10°C~50°C ; -20°C~60°C
Operation ; Storage Humidity	Maximum: RH80% ; RH90%
Dimensions	140(DIA)x112(H)mm
Net Weight	550g
Accessories Option	Bracket:MTB-201, MTB-504 ; SDI Receiver:SSD-RX010, SSD-RX010N, SSD-RX011, SSD-RX011N

*Specifications are unfixed and do not apply to customized projects. 120301

Outdoor, Vandalproof
3-axis Gimbal Mechanism

FEATURES

- Full HD 1920x1080P@50/60fps (3G-SDI) Infrared Camera
- 1/2.8" Sony 3.0 Megapixel Progressive Exmor™ CMOS Sensor
- 0.00Lux (IR LEDs on at 2 Lux)
- Simultaneous Video Output: SDI / Composite BNC
- Multi-Language OSD Control
- OSD Control / by RS485 Remote Control / by Coaxial Control
- 2D Noise Reduction & Sense Up Functions
- Shutter Mode (AUTO / MANUAL)
- Mechanical IR Cut Filter (ICR)
- RS-485x1, Dlx1, DOx1 / Option: PoC + Audio



12Vdc,
Option: 12Vdc/24Vac, PoC



OPTION
Wall Mount
MTB-413



OPTION
Ceiling Mount
MTB-504



OPTION
SDI Receiver
without PoC



OPTION
SDI Receiver
with PoC



3.0
Megapixel



Sony
Exmor™



0.00 Lux



2D DNR



ICR



Power
over
Cable

Option:
PoC

SPECIFICATIONS

Tol:±0.5 Unit:mm

	SSC-WDL2331DN
Video System	PAL / NTSC Selectable
Image Sensor	1/2.8" Sony 3.0 Megapixel Progressive Exmor™ CMOS Sensor
Resolution	1920(H)x1080(V)
Frame Rates	1920x1080P@50/60fps ; Adjustable to 1920x1080P@25/30fps, 1920x1080i@50/60fps
SDI Standards	3G-SDI (SMPTE 424M)
Minimum Illumination	0.00Lux
Digital Wide Dynamic Range	512x Normal Camera (54dB)
Digital Video Output	BNC connector (SDI) x1
Analog Video Output	BNC connector (1.0Vp-p Composite, 75Ω) x1
Audio	Option:Two-way Audio
Mechanical IR Cut Filter (ICR)	Automatically Switches (B/W Mode<2Lux, Color Mode>5Lux)
IR LED ; Working Distance	30 units (IR LEDs on<2Lux, IR LEDs off>5Lux) ; 10~20m
OSD Menu	OSD Control / by RS485 Remote Control / by Coaxial Control
Digital Day&Night Mode	COLOR / B&W / AUTO
Multi-Electronic Shutter	Auto Shutter: Self Defined Auto Shutter Speed Range Programmable Manual Shutter: 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.
Automatic Gain Control	128 Levels (Adjustable Level Settings)
White Balance	ATW / AWB / MANUAL / PUSH LOCK / 3200K / 6300K
WDR ; BLC	WDR / BLC / OFF
Flickerless	PAL 50Hz / NTSC 60Hz / OFF
Dynamic Noise Reduction	2D
Sense Up	ON (2~6X) / OFF
Language	ENGLISH, JAPANESE, TRADITIONAL CHINESE, SIMPLIFIED CHINESE (Option Not Changeable)
I/O Connector	RS-485(Pelco-D/P)x1 / Dlx1 / DOx1, Option:Audio In(3.5mm)x1 / Audio Out(3.5mm)x1
Automatic IRIS ; Connector	DC
Lens Mount	Built-in DC Auto IRIS Lens
Lens, Angle of View (H)	f3.0~10mm/F1.3 Aspherical Megapixel Varifocal D/N Lens/95.6°~28.8°
Water Resistance	IP66
Max. Breaking Strength	656.1 Kg
Power Supply ; Consumption	Standard:12Vdc, Option:12Vdc/24Vac, PoC (Power over Cable) ; 9W
Operation ; Storage Temp.	-10°C~50°C ; -20°C~60°C
Operation ; Storage Humidity	Maximum: RH80% ; RH90%
Dimensions	140(DIA)x112(H)mm
Net Weight	1,000g
Accessories Option	Bracket:MTB-413, MTB-504 ; SDI Receiver:SSD-RX010, SSD-RX010N, SSD-RX011, SSD-RX011N

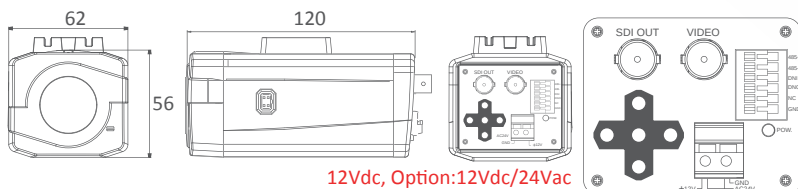
*Specifications are unfixed and do not apply to customized projects. 120301

FEATURES

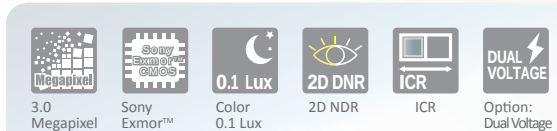
- Full HD 1920x1080P@25/30fps (HD-SDI) Color Camera
- 1/2.8" Sony 3.0 Megapixel Progressive Exmor™ CMOS Sensor
- Color:0.1Lux@F1.2, B/W:0.01Lux@F1.2, Sense-up:0.001Lux@F1.2
- Simultaneous Video Output: SDI / Composite BNC
- Multi-Language OSD Control
- OSD Control / by RS485 Remote Control / by Coaxial Control
- Fog Reduction & 2D Noise Reduction & Sense Up Functions
- Shutter Mode (AUTO / MANUAL)
- Mechanical IR Cut Filter (ICR)
- RS-485x1, Dlx1, DOx1 / Option: Dual Voltage (12Vdc/24Vac)



OPTION
SDI Receiver
without PoC



12Vdc, Option:12Vdc/24Vac



SPECIFICATIONS

Tol:±0.5 Unit:mm

	SSC-WD2315MDN
Video System	PAL / NTSC Selectable
Image Sensor	1/2.8" Sony 3.0 Megapixel Progressive Exmor™ CMOS Sensor
Resolution	1920(H)x1080(V)
Frame Rates	1920x1080P@25/30fps ; Adjustable to 1920x1080i@50/60fps
SDI Standards	HD-SDI (SMPTE 292M)
Minimum Illumination	Color:0.1Lux@F1.2, B/W:0.01Lux@F1.2, Sense-up:0.001Lux@F1.2
Digital Wide Dynamic Range	128x Normal Camera
Digital Video Output	BNC connector (SDI) x1
Analog Video Output	BNC connector (1.0Vp-p Composite, 75Ω) x1
Audio	NA
Mechanical IR Cut Filter	Automatically Switches (Switching Lux Level Can Be Adjusted) / External
IR LED ; Working Distance	Compatible with Infrared Illuminator
OSD Menu	OSD Control / by RS485 Remote Control / by Coaxial Control
Digital Day&Night Mode	COLOR / B&W / AUTO / EXTERNAL
Muti-Electronic Shutter	Auto Shutter: Self Defined Auto Shutter Speed Range Programmable Manual Shutter: 1/30, 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.
Automatic Gain Control	128 Levels (Adjustable Level Settings)
White Balance	ATW / AWB / MANUAL / PUSH LOCK
WDR ; BLC	WDR / BLC / OFF
Fog Reduction	CONTRAST (0~15), BACKLIGHT (0~7)
Flickerless	PAL 50Hz / NTSC 60Hz / OFF
Dynamic Noise Reduction	2D
Sense Up	ON (2~32X) / OFF
Language	ENGLISH, JAPANESE, TRADITIONAL CHINESE, SIMPLIFIED CHINESE (Option Not Changeable)
I/O Connector	RS-485(Pelco-D/P)x1 / Dlx1 / DOx1
Automatic IRIS ; Connector	DC ; D4 IRIS Jack
Lens Mount	CS / C mount (With Adaptor Ring)
Lens, Angle of View (H)	Lens Option: Please See the Page of Lens Series
Water Resistance	NA
Max. Breaking Strength	NA
Power Supply ; Consumption	12Vdc, Option:12Vdc/24Vac ; 4.2W
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
Net Weight	350g
Accessories Option	Lens:SHV-3M2812DAI, SHV-3M04NI ; SDI Receiver:SSD-RX010, SSD-RX010N

*Specifications are unfixed and do not apply to customized projects. 120301



OPTION
SDI Receiver
without PoC

SSD-RX010

SSD-RX010N



1.3
Megapixel



CMOS
Sensor



0.1 Lux
Color
0.1 Lux



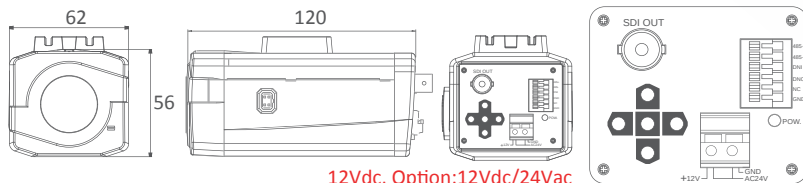
DNR
3DNR



ICR



DUAL
VOLTAGE
Option:
Dual Voltage



12Vdc, Option:12Vdc/24Vac

SPECIFICATIONS

Tol:±0.5 Unit:mm

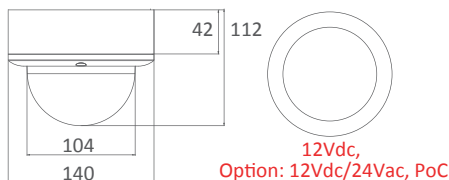
	SSC-WD2114MDN
Video System	PAL / NTSC
Image Sensor	1/3" Panasonic 1.3 Megapixel Progressive CMOS Sensor
Resolution	1280(H)x720(V)
Frame Rates	1280x720P@25/30fps
SDI Standards	HD-SDI (SMPTE 292M)
Minimum Illumination	Color:0.1Lux@F1.2, B/W:0.01Lux@F1.2, Sense-up:0.001Lux@F1.2
Digital Wide Dynamic Range	128x Normal Camera
Digital Video Output	BNC connector (SDI) x1
Analog Video Output	NA
Audio	NA
Mechanical IR Cut Filter (ICR)	Automatically Switches (Switching Lux Level Can Be Adjusted) / External
IR LED ; Working Distance	Compatible with Infrared Illuminator
Menu	OSD Control / by RS485 Remote Control / by Coaxial Control
Digital Day&Night Mode	COLOR / B&W / AUTO / EXTERNAL
Electronic Shutter	Auto Shutter:1/50(60)~1/120,000 sec. / Manual Shutter: OFF(1/50(60)), FL 1/120(100), 1/250, 1/500, 1/1,000, 1/2,500, 1/5,000, 1/10,000, 1/30,000 sec.
Auto Gain Control	0~42dB
White Balance	ATW1 / ATW2 / AWC / MANUAL / INDOOR / OUTDOOR
WDR ; BLC, HLC	HIGH / MIDDLE / LOW / OFF ; ON / HLC / OFF
Fog Reduction	AUTO / HIGH / MIDDLE / LOW / OFF
Dynamic Noise Reduction	3D (HIGH / MIDDLE / LOW)
Sense Up	OFF / ON (x2~x255)
Digital Image Stabilizer	ON / ACTIVE / OFF
Language	ENGLISH / SIMPLIFIED CHINESE / JAPANESE
Digital Zoom	ON1 / ON2 / ON3 / ON4 / ON5 / ON6 / ON7 / ON8 / OFF
Picture Effects	NEGATIVE / SHARPNESS / MIRROR
Privacy Zone Mask	ON / OFF (24 Zones Programmable, Mosaic)
Motion Detection	SIMPLE / TRACE / IN-OUT / OFF
I/O Connector	RS-485(Pelco-D/P)x1 / Dlx1 / DOx1
Automatic IRIS ; Connector	DC ; D4 IRIS Jack
Lens Mount	CS / C mount
Lens, Angle of View (H)	Lens Option: Please See the Page of Lens Series
Water Resistance	NA
Max. Breaking Strength	NA
Power Supply ; Consumption	12Vdc, Option:12Vdc/24Vac ; 4.2W
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
Net Weight	350g
Accessories Option	Lens:SHV-2M2812DAI, SHV-3M04NI ; SDI Receiver:SSD-RX010, SSD-RX010N

*Specifications are unfixed and do not apply to customized projects. 120301

FEATURES

Indoor, Plastic
3-axis Gimbal Mechanism

- HD 1280x720P@50/60fps (HD-SDI) Color Camera
- 1/3" Sony 1.3 Megapixel Progressive Exmor™ CMOS Sensor
- Color:0.1Lux@F1.2, B/W:0.01Lux@F1.2, Sense-up:0.001Lux@F1.2
- Simultaneous Video Output: SDI / Composite BNC
- Multi-Language OSD Control
- OSD Control / by RS485 Remote Control / by Coaxial Control
- Fog Reduction & 2D/3D Noise Reduction & Sense Up Functions
- Shutter Mode (AUTO / MANUAL)
- Mechanical IR Cut Filter (ICR) (SSC-WD2121MDN)
- RS-485x1, Dlx1, DOx1 / Option: PoC + Audio



OPTION
Wall Mount
MTB-201



OPTION
Ceiling Mount
MTB-504

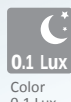
OPTION
SDI Receiver
without PoC
OPTION
SDI Receiver
with PoC



1.3
Megapixel



Sony
Exmor™



0.1 Lux
Color
0.1 Lux



2D/3D DNR
2D DNR
3D DNR



ICR SSC-WD
2121MDN



Power
over
Cable
Option:
PoC

Tol:±0.5 Unit:mm

SPECIFICATIONS

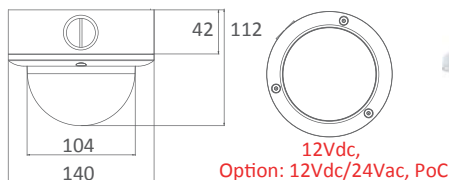
	SSC-WD2121DN	SSC-WD2121MDN
Video System	PAL / NTSC Selectable	
Image Sensor	1/3" Sony 1.3 Megapixel Progressive Exmor™ CMOS Sensor	
Resolution	1280(H)x720(V)	
Frame Rates	1280x720P@50/60fps, Adjustable to 1280x720P@25/30fps	
SDI Standards	HD-SDI (SMPTE 292M)	
Minimum Illumination	Color:0.1Lux@F1.2, B/W:0.01Lux@F1.2, Sense-up:0.001Lux@F1.2	
Digital Wide Dynamic Range	128x Normal Camera	
Digital Video Output	BNC connector (SDI) x1	
Analog Video Output	BNC connector (1.0Vp-p Composite, 75Ω) x1	
Audio	Option:Two-way Audio	
Mechanical IR Cut Filter (ICR)	NA	Automatically Switches (Switching Lux Level Can Be Adjusted) / External
IR LED ; Working Distance	NA	Compatible with Infrared Illuminator
OSD Menu	OSD Control / by RS485 Remote Control / by Coaxial Control	
Digital Day&Night Mode	COLOR / B&W / AUTO / EXTERNAL	
Muti-Electronic Shutter	Auto Shutter: Self Defined Auto Shutter Speed Range Programmable Manual Shutter: 1/30, 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.	
Automatic Gain Control	128 Levels (Adjustable Level Settings)	
White Balance	ATW / AWB / MANUAL / PUSH LOCK	
WDR ; BLC	WDR / BLC / OFF	
Fog Reduction	CONTRAST (0~15), BACKLIGHT (0~7)	
Flickerless	PAL 50Hz / NTSC 60Hz / OFF	
Dynamic Noise Reduction	2D / 3D	
Sense Up	ON (2~32X) / OFF	
Language	ENGLISH / JAPANESE, TRADITIONAL CHINESE, SIMPLIFIED CHINESE (Option Not Changeable)	
I/O Connector	RS-485(Pelco-D/P)x1 / Dlx1 / DOx1, Option:Audio In(3.5mm)x1 / Audio Out(3.5mm)x1	
Automatic IRIS ; Connector	DC	
Lens Mount	Built-in DC Auto IRIS Lens	
Lens, Angle of View (H)	f3.0~10mm/F1.3 Aspherical Megapixel Varifocal D/N Lens/95.6°~28.8°	
Water Resistance	NA	
Max. Breaking Strength	NA	
Power Supply ; Consumption	Standard:12Vdc, Option:12Vdc/24Vac, PoC (Power over Cable) ; 4.2W	
Operation ; Storage Temp.	-10°C~50°C ; -20°C~60°C	
Operation ; Storage Humidity	Maximum: RH80% ; RH90%	
Dimensions	140(DIA)x112(H)mm	
Net Weight	500g	
Accessories Option	Bracket:MTB-201, MTB-504 ; SDI Receiver:SSD-RX010, SSD-RX010N, SSD-RX011, SSD-RX011N	

*Specifications are unfixed and do not apply to customized projects. 120301

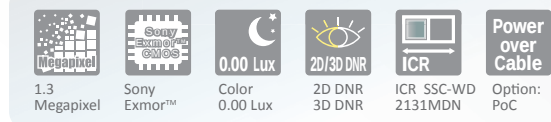
FEATURES

Outdoor, Vandalproof
3-axis Gimbal Mechanism

- HD 1280x720P@50/60fps (HD-SDI) Color Camera
- 1/3" Sony 1.3 Megapixel Progressive Exmor™ CMOS Sensor
- Color:0.1Lux@F1.2, B/W:0.01Lux@F1.2, Sense-up:0.001Lux@F1.2
- Simultaneous Video Output: SDI / Composite BNC
- Multi-Language OSD Control
- OSD Control / by RS485 Remote Control / by Coaxial Control
- Fog Reduction & 2D/3D Noise Reduction & Sense Up Functions
- Shutter Mode (AUTO / MANUAL)
- Mechanical IR Cut Filter (ICR) (SSC-WD2131MDN)
- RS-485x1, Dlx1, DOx1 / Option: PoC + Audio



OPTION
SDI Receiver
without PoC



SPECIFICATIONS

Tol:±0.5 Unit:mm

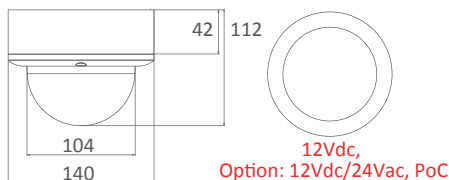
	SSC-WD2131DN	SSC-WD2131MDN
Video System	PAL / NTSC Selectable	
Image Sensor	1/3" Sony 1.3 Megapixel Progressive Exmor™ CMOS Sensor	
Resolution	1280(H)x720(V)	
Frame Rates	1280x720P@50/60fps, Adjustable to 1280x720P@25/30fps	
SDI Standards	HD-SDI (SMPTE 292M)	
Minimum Illumination	Color:0.1Lux@F1.2, B/W:0.01Lux@F1.2, Sense-up:0.001Lux@F1.2	
Digital Wide Dynamic Range	128x Normal Camera	
Digital Video Output	BNC connector (SDI) x1	
Analog Video Output	BNC connector (1.0Vp-p Composite, 75Ω) x1	
Audio	Option:Two-way Audio	
Mechanical IR Cut Filter (ICR)	NA	Automatically Switches (Switching Lux Level Can Be Adjusted) / External
IR LED ; Working Distance	NA	Compatible with Infrared Illuminator
OSD Menu	OSD Control / by RS485 Remote Control / by Coaxial Control	
Digital Day&Night Mode	COLOR / B&W / AUTO / EXTERNAL	
Muti-Electronic Shutter	Auto Shutter: Self Defined Auto Shutter Speed Range Programmable Manual Shutter: 1/30, 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.	
Automatic Gain Control	128 Levels (Adjustable Level Settings)	
White Balance	ATW / AWB / MANUAL / PUSH LOCK	
WDR ; BLC	WDR / BLC / OFF	
Fog Reduction	CONTRAST (0~15), BACKLIGHT (0~7)	
Flickerless	PAL 50Hz / NTSC 60Hz / OFF	
Dynamic Noise Reduction	2D / 3D	
Sense Up	ON (2~32X) / OFF	
Language	ENGLISH / JAPANESE, TRADITIONAL CHINESE, SIMPLIFIED CHINESE (Option Not Changeable)	
I/O Connector	RS-485(Pelco-D/P)x1 / Dlx1 / DOx1, Option:Audio In(3.5mm)x1 / Audio Out(3.5mm)x1	
Automatic IRIS ; Connector	DC	
Lens Mount	Built-in DC Auto IRIS Lens	
Lens, Angle of View (H)	f3.0~10mm/F1.3 Aspherical Megapixel Varifocal D/N Lens/95.6°~28.8°	
Water Resistance	IP66	
Max. Breaking Strength	656.1 Kgf	
Power Supply ; Consumption	Standard:12Vdc, Option:12Vdc/24Vac, PoC (Power over Cable) ; 4.2W	
Operation ; Storage Temp.	-10°C~50°C ; -20°C~60°C	
Operation ; Storage Humidity	Maximum: RH80% ; RH90%	
Dimensions	140(DIA)x112(H)mm	
Net Weight	950g	
Accessories Option	Bracket:MTB-413, MTB-504 ; SDI Receiver:SSD-RX010, SSD-RX010N, SSD-RX011, SSD-RX011N	

*Specifications are unfixed and do not apply to customized projects. 120301

Indoor, Plastic
3-axis Gimbal Mechanism

FEATURES

- HD 1280x720P@50/60fps (HD-SDI) Infrared Camera
- 1/3" Sony 1.3 Megapixel Progressive Exmor™ CMOS Sensor
- 0.00Lux (IR LEDs on at 2 Lux)
- Simultaneous Video Output: SDI / Composite BNC
- Multi-Language OSD Control
- OSD Control / by RS485 Remote Control / by Coaxial Control
- Fog Reduction & 2D/3D Noise Reduction & Sense Up Functions
- Shutter Mode (AUTO / MANUAL)
- Mechanical IR Cut Filter (ICR)
- RS-485x1, Dlx1, DOx1 / Option: PoC + Audio



OPTION
SDI Receiver
without PoC



OPTION
SDI Receiver
with PoC



SPECIFICATIONS

Tol:±0.5 Unit:mm

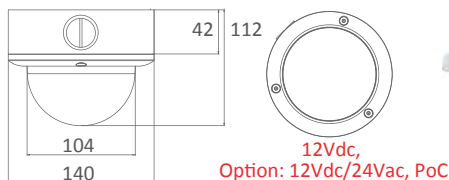
	SSC-WDL2121DN
Video System	PAL / NTSC Selectable
Image Sensor	1/3" Sony 1.3 Megapixel Progressive Exmor™ CMOS Sensor
Resolution	1280(H)x720(V)
Frame Rates	1280x720P@50/60fps, Adjustable to 1280x720P@25/30fps
SDI Standards	HD-SDI (SMPTE 292M)
Minimum Illumination	0.00Lux
Digital Wide Dynamic Range	128x Normal Camera
Digital Video Output	BNC connector (SDI) x1
Analog Video Output	BNC connector (1.0Vp-p Composite, 75Ω) x1
Audio	Option:Two-way Audio
Mechanical IR Cut Filter (ICR)	Automatically Switches (B/W Mode<2Lux, Color Mode>5Lux)
IR LED ; Working Distance	30 units (IR LEDs on<2Lux, IR LEDs off>5Lux) ; 10~20m
OSD Menu	OSD Control / by RS485 Remote Control / by Coaxial Control
Digital Day&Night Mode	COLOR / B&W / AUTO
Muti-Electronic Shutter	Auto Shutter: Self Defined Auto Shutter Speed Range Programmable Manual Shutter: 1/30, 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.
Automatic Gain Control	128 Levels (Adjustable Level Settings)
White Balance	ATW / AWB / MANUAL / PUSH LOCK
WDR ; BLC	WDR / BLC / OFF
Fog Reduction	CONTRAST (0~15), BACKLIGHT (0~7)
Flickerless	PAL 50Hz / NTSC 60Hz / OFF
Dynamic Noise Reduction	2D / 3D
Sense Up	ON (2~32X) / OFF
Language	ENGLISH / JAPANESE, TRADITIONAL CHINESE, SIMPLIFIED CHINESE (Option Not Changeable)
I/O Connector	RS-485(Pelco-D/P)x1 / Dlx1 / DOx1, Option:Audio In(3.5mm)x1 / Audio Out(3.5mm)x1
Automatic IRIS ; Connector	DC
Lens Mount	Built-in DC Auto IRIS Lens
Lens, Angle of View (H)	f3.0~10mm/F1.3 Aspherical Megapixel Varifocal D/N Lens/95.6°~28.8°
Water Resistance	NA
Max. Breaking Strength	NA
Power Supply ; Consumption	Standard:12Vdc, Option:12Vdc/24Vac, PoC (Power over Cable) ; 9W
Operation ; Storage Temp.	-10°C~50°C ; -20°C~60°C
Operation ; Storage Humidity	Maximum: RH80% ; RH90%
Dimensions	140(DIA)x112(H)mm
Net Weight	550g
Accessories Option	Bracket:MTB-201, MTB-504 ; SDI Receiver:SSD-RX010, SSD-RX010N, SSD-RX011, SSD-RX011N

*Specifications are unfixed and do not apply to customized projects. 120301

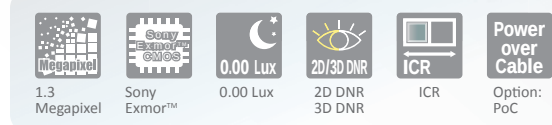
FEATURES

Outdoor, Vandalproof
3-axis Gimbal Mechanism

- HD 1280x720P@50/60fps (HD-SDI) Infrared Camera
- 1/3" Sony 1.3 Megapixel Progressive Exmor™ CMOS Sensor
- 0.00Lux (IR LEDs on at 2 Lux)
- Simultaneous Video Output: SDI / Composite BNC
- Multi-Language OSD Control
- OSD Control / by RS485 Remote Control / by Coaxial Control
- Fog Reduction & 2D/3D Noise Reduction & Sense Up Functions
- Shutter Mode (AUTO / MANUAL)
- Mechanical IR Cut Filter (ICR)
- RS-485x1, Dlx1, DOx1 / Option: PoC + Audio



OPTION
SDI Receiver
without PoC



SPECIFICATIONS

Tol:±0.5 Unit:mm

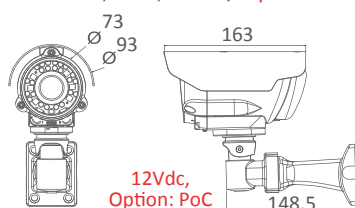
	SSC-WDL2131DN
Video System	PAL / NTSC Selectable
Image Sensor	1/3" Sony 1.3 Megapixel Progressive Exmor™ CMOS Sensor
Resolution	1280(H)x720(V)
Frame Rates	1280x720P@50/60fps, Adjustable to 1280x720P@25/30fps
SDI Standards	HD-SDI (SMPTE 292M)
Minimum Illumination	0.00Lux
Digital Wide Dynamic Range	128x Normal Camera
Digital Video Output	BNC connector (SDI) x1
Analog Video Output	BNC connector (1.0Vp-p Composite, 75Ω) x1
Audio	Option:Two-way Audio
Mechanical IR Cut Filter (ICR)	Automatically Switches (B/W Mode<2Lux, Color Mode>5Lux)
IR LED ; Working Distance	30 units (IR LEDs on<2Lux, IR LEDs off>5Lux) ; 10~20m
OSD Menu	OSD Control / by RS485 Remote Control / by Coaxial Control
Digital Day&Night Mode	COLOR / B&W / AUTO
Muti-Electronic Shutter	Auto Shutter: Self Defined Auto Shutter Speed Range Programmable Manual Shutter: 1/30, 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.
Automatic Gain Control	128 Levels (Adjustable Level Settings)
White Balance	ATW / AWB / MANUAL / PUSH LOCK
WDR ; BLC	WDR / BLC / OFF
Fog Reduction	CONTRAST (0~15), BACKLIGHT (0~7)
Flickerless	PAL 50Hz / NTSC 60Hz / OFF
Dynamic Noise Reduction	2D / 3D
Sense Up	ON (2~32X) / OFF
Language	ENGLISH / JAPANESE, TRADITIONAL CHINESE, SIMPLIFIED CHINESE (Option Not Changeable)
I/O Connector	RS-485(Pelco-D/P)x1 / Dlx1 / DOx1, Option:Audio In(3.5mm)x1 / Audio Out(3.5mm)x1
Automatic IRIS ; Connector	DC
Lens Mount	Built-in DC Auto IRIS Lens
Lens, Angle of View (H)	f3.0~10mm/F1.3 Aspherical Megapixel Varifocal D/N Lens/95.6°~28.8°
Water Resistance	IP66
Max. Breaking Strength	656.1 Kg
Power Supply ; Consumption	Standard:12Vdc, Option:12Vdc/24Vac, PoC (Power over Cable) ; 9W
Operation ; Storage Temp.	-10°C~50°C ; -20°C~60°C
Operation ; Storage Humidity	Maximum: RH80% ; RH90%
Dimensions	140(DIA)x112(H)mm
Net Weight	1,000g
Accessories Option	Bracket:MTB-413, MTB-504 ; SDI Receiver:SSD-RX010, SSD-RX010N, SSD-RX011, SSD-RX011N

*Specifications are unfixed and do not apply to customized projects. 120301

3-axis Cable
Management

FEATURES

- HD 1280x720P@50/60fps (HD-SDI) Infrared Camera
- 1/3" Sony 1.3 Megapixel Progressive Exmor™ CMOS Sensor
- 0.00Lux (IR LEDs on at 2 Lux)
- Simultaneous Video Output: SDI / Composite BNC
- Multi-Language OSD Control
- OSD Control / by Coaxial Control
- Fog Reduction & 2D/3D Noise Reduction & Sense Up Functions
- Shutter Mode (AUTO / MANUAL)
- Mechanical IR Cut Filter (ICR)
- RS-485x1, Dlx1, DOx1 / **Option: PoC**



OPTION
SDI Receiver
without PoC



OPTION
SDI Receiver
with PoC



SPECIFICATIONS

Tol:±0.5 Unit:mm

	SSC-WDL2141DN
Video System	PAL / NTSC Selectable
Image Sensor	1/3" Sony 1.3 Megapixel Progressive Exmor™ CMOS Sensor
Resolution	1280(H)x720(V)
Frame Rates	1280x720P@50/60fps, Adjustable to 1280x720P@25/30fps
SDI Standards	HD-SDI (SMPTE 292M)
Minimum Illumination	0.00Lux
Digital Wide Dynamic Range	128x Normal Camera
Digital Video Output	BNC connector (SDI) x1
Analog Video Output	BNC connector (1.0Vp-p Composite, 75Ω) x1
Audio	NA
Mechanical IR Cut Filter (ICR)	Automatically Switches (B/W Mode<2Lux, Color Mode>5Lux)
IR LED ; Working Distance	30 units (6 Pcs HP Reflection LEDs) (IR LEDs on<2Lux, IR LEDs off>5Lux) ; 20~40m
OSD Menu	OSD Control / by Coaxial Control
Digital Day&Night Mode	COLOR / B&W / AUTO
Muti-Electronic Shutter	Auto Shutter: Self Defined Auto Shutter Speed Range Programmable Manual Shutter: 1/30, 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.
Automatic Gain Control	128 Levels (Adjustable Level Settings)
White Balance	ATW / AWB / MANUAL / PUSH LOCK
WDR ; BLC	WDR / BLC / OFF
Fog Reduction	CONTRAST (0~15), BACKLIGHT (0~7)
Flickerless	PAL 50Hz / NTSC 60Hz / OFF
Dynamic Noise Reduction	2D / 3D
Sense Up	ON (2~32X) / OFF
Language	ENGLISH / JAPANESE, TRADITIONAL CHINESE, SIMPLIFIED CHINESE (Option Not Changeable)
I/O Connector	NA
Automatic IRIS ; Connector	DC
Lens Mount	Built-in DC Auto IRIS Lens
Lens, Angle of View (H)	f3.8~9.5mm/F1.2 Aspherical Varifocal D/N Lens/74.2°~30.0°, Option:f9.0~22.0mm/F1.4/29.2°~13.0°
Water Resistance	IP66
Max. Breaking Strength	NA
Power Supply ; Consumption	Standard:12Vdc, Option:PoC (Power over Cable) ; 9W
Operation ; Storage Temp.	-10°C~50°C ; -20°C~60°C
Operation ; Storage Humidity	Maximum: RH80% ; RH90%
Dimensions	93(DIA)x163(D)mm
Net Weight	1,000g
Accessories Option	Pole Bracket:MTB-414S ; SDI Receiver:SSD-RX010, SSD-RX010N, SSD-RX011, SSD-RX011N

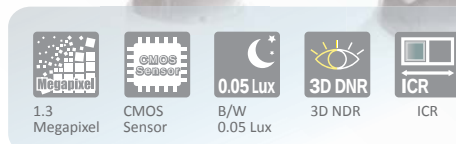
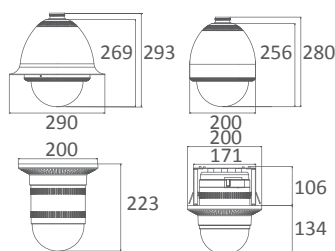
*Specifications are unfixed and do not apply to customized projects. 120301

SSC-HS91IR22DN, SSC-HS82IR22DN SSC-HS81IR22DNC, SSC-HS81IR22DNS

FEATURES

Outdoor, Indoor

- HD 1280x720P@30fps (HD-SDI) Speed Dome Camera
- 1/3" 1.3 Megapixel CMOS Sensor
- Color:0.1Lux@F1.6, B/W:0.05Lux@F1.6, Sense-up:0.0001Lux@F1.6
- Optical 22x, Digital 16x, Total 352x
- Auto Focus & Auto IRIS Zoom Lens
- Simultaneous Video Output:SDI / Composite BNC
- OSD by RS485 Remote Control / by Coaxial Control
- Powerful 128x WDR & Anti-Headlight (HLC) & Digital Image Stabilizer (DIS)
- Fog Reduction & 3D Noise Reduction & Sense Up Functions



SPECIFICATIONS

Tol:±0.5 Unit:mm

	SSC-HS91IR22DN / SSC-HS82IR22DN / SSC-HS81IR22DNC / SSC-HS81IR22DNS
Video System	PAL / NTSC Selectable
Image Sensor	1/3" 1.3 Megapixel CMOS Sensor
Resolution	1280(H)x720(V)
Frame Rates	1280x720P@30fps(SDI) ; Adjustable to 1920x1080P@30fps, 1280x720P@60fps
SDI Standards	HD-SDI (SMPTE 292M)
Minimum Illumination	Color(ICR off):0.1Lux@F1.6, B/W(ICR on):0.05Lux@F1.6, Sense-up(ICR on):0.0001Lux@F1.6
Wide Dynamic Range	128x Normal Camera
Digital Video Output	Gold-plated BNC connector x1 (SDI)
Analog Video Output	BNC connector x1 (1.0Vp-p Composite, 75Ω)
Audio	NA
Mechanical IR Cut Filter	Automatically Switches (Switching Lux Level can be adjusted)
IR LED ; Working Distance	Compatible with Infrared Illuminator
OSD Menu	OSD by RS485 Remote Control / by Coaxial Control
Digital Day&Night Mode	COLOR / B&W / AUTO
Electronic Shutter	AUTO: 1/50(60)~1/120,000 sec. MANUAL: OFF(1/50(60), FL 1/120(100), 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000, 1/30,000, 1/60,000, 1/120,000 sec.
Auto Gain Control	0~42dB
White Balance	ATW1 / ATW2 / AWC / MANUAL / INDOOR / OUTDOOR
WDR ; BLC	HIGH / MIDDLE / LOW / OFF ; ON / HLC / OFF
Fog Reduction	AUTO / HIGH / MIDDLE / LOW / OFF
Dynamic Noise Reduction	3D (HIGH / MIDDLE / LOW)
Sense Up	OFF / ON (x2~x256)
Digital Image Stabilizer	ON / ACTIVE / OFF
Language	ENGLISH / SIMPLIFIED CHINESE / JAPANESE
E-Zoom	x2~x16(Optical 22x, Digital 16x, Total 352x) / OFF
Picture Effects	NEGATIVE / SHARPNESS / MIRROR
Privacy Zone Mask	ON / OFF (24 Zones Programmable, Mosaic)
Motion Detection	SIMPLE / TRACE / IN-OUT / OFF
I/O Connector	RS-485(Pelco-D/P)x1 / DIx1 / DOx1
Controls	PAN / TILT, LENS
Auto Pan	Yes
Tour Pattern	1 Group (accommodates preset #1~#10)
Home Function	Yes
System Memory	Yes
Panning Range & Speed	360°Continuous ; 0.2°~240°/sec.
Tilt Range & Speed	0°~90° ; 0.2°~120°/sec.
Pan, Tilt Accuracy	±0.02°
Preset Positions	255 Positions
Lens	22x Optical Zoom f4.7mm(Wide)~103mm(Tele), F1.6 to F3.2
Angle of View	H:58.16°(Wide)~2.9°(Tele)/V:34.31°(Wide)~1.64°(Tele)
Minimum Working Distance	0.1m
Focusing System	AUTO / MANUAL / PUSHAF
Water Resistance	SSC-HS91IR22DN:IP66, SSC-HS82IR22DN:IP66
Power Supply ; Consumption	24Vdc / 24Vac
Operation ; Storage Temp.	-10°C ~ 50°C ; -20°C ~ 60°C
Operation ; Storage Humidity	Maximum: RH80% ; RH90%
Dimensions	290x293mm / 200x280mm / 200x223mm / 200x134mm
Net Weight	4.05kg / 3.35kg / 2.55kg / 2.8kg
Accessories Option	MTB-901A, MTB-901B, MTB-902, MTB-904, MTB-905

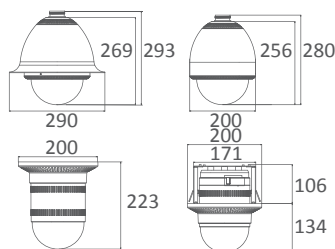
*Specifications are unfixed and do not apply to customized projects. 120301

SSC-HS91IR12DN, SSC-HS82IR12DN SSC-HS81IR12DNC, SSC-HS81IR12DNS

FEATURES

Outdoor, Indoor

- HD 1280x720P@30fps (HD-SDI) Speed Dome Camera
- 1/3" 1.3 Megapixel CMOS Sensor
- Color:0.1Lux@F1.8, B/W:0.05Lux@F1.8, Sense-up:0.0001Lux@F1.8
- Optical 12x, Digital 16x, Total 192x
- Auto Focus & Auto IRIS Zoom Lens
- Simultaneous Video Output:SDI / Composite BNC
- OSD by RS485 Remote Control / by Coaxial Control
- Powerful 128x WDR & Anti-Headlight (HLC) & Digital Image Stabilizer (DIS)
- Fog Reduction & 3D Noise Reduction & Sense Up Functions

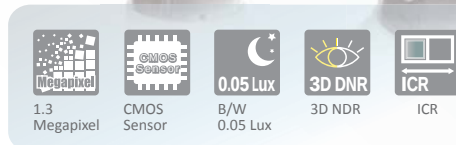


SSC-HS91IR12DN

SSC-HS82IR12DN

SSC-HS81IR12DNC

SSC-HS81IR12DNS



SPECIFICATIONS

Tol:±0.5 Unit:mm

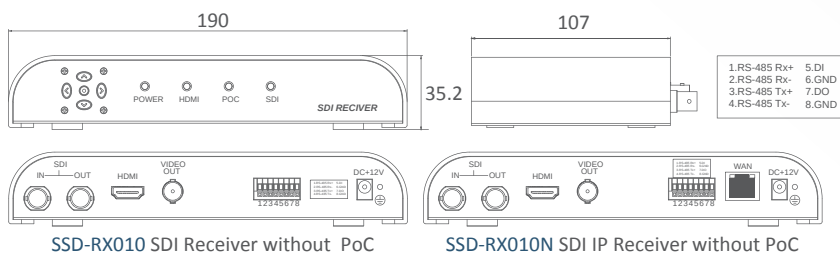
	SSC-HS91IR12DN / SSC-HS82IR12DN / SSC-HS81IR12DNC / SSC-HS81IR12DNS
Video System	PAL / NTSC Selectable
Image Sensor	1/3" 1.3 Megapixel CMOS Sensor
Resolution	1280(H)x720(V)
Frame Rates	1280x720P@30fps(SDI) ; Adjustable to 1920x1080P@30fps, 1280x720P@60fps
SDI Standards	HD-SDI (SMPTE 292M)
Minimum Illumination	Color(ICR off):0.1Lux@F1.8, B/W(ICR on):0.05Lux@F1.8, Sense-up(ICR on):0.0001Lux@F1.8
Wide Dynamic Range	128x Normal Camera
Digital Video Output	Gold-plated BNC connector x1 (SDI)
Analog Video Output	BNC connector x1 (1.0Vp-p Composite, 75Ω)
Audio	NA
Mechanical IR Cut Filter	Automatically Switches (Switching Lux Level can be adjusted)
IR LED ; Working Distance	Compatible with Infrared Illuminator
OSD Menu	OSD by RS485 Remote Control / by Coaxial Control
Digital Day&Night Mode	COLOR / B&W / AUTO
Electronic Shutter	AUTO: 1/50(60)~1/120,000 sec. MANUAL: OFF(1/50(60)), FL 1/120(100), 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000, 1/30,000, 1/60,000, 1/120,000 sec.
Auto Gain Control	0~42dB
White Balance	ATW1 / ATW2 / AWC / MANUAL / INDOOR / OUTDOOR
WDR ; BLC	HIGH / MIDDLE / LOW / OFF ; ON / HLC / OFF
Fog Reduction	AUTO / HIGH / MIDDLE / LOW / OFF
Dynamic Noise Reduction	3D (HIGH / MIDDLE / LOW)
Sense Up	OFF / ON (x2~x256)
Digital Image Stabilizer	ON / ACTIVE / OFF
Language	ENGLISH / SIMPLIFIED CHINESE / JAPANESE
E-Zoom	x2~x16(Optical 12x, Digital 16x, Total 192x) / OFF
Picture Effects	NEGATIVE / SHARPNESS / MIRROR
Privacy Zone Mask	ON / OFF (24 Zones Programmable, Mosaic)
Motion Detection	SIMPLE / TRACE / IN-OUT / OFF
I/O Connector	RS-485(Pelco-D/P)x1 / DIx1 / DOx1
Controls	PAN / TILT, LENS
Auto Pan	Yes
Tour Pattern	1 Group (accommodates preset #1~#10)
Home Function	Yes
System Memory	Yes
Panning Range & Speed	360°Continuous ; 0.2°~240°/sec.
Tilt Range & Speed	0°~90° ; 0.2°~120°/sec.
Pan, Tilt Accuracy	±0.02°
Preset Positions	255 Positions
Lens	12x Optical Zoom f5.2mm(Wide)~62.4mm(Tele), F1.8 to F3.0
Angle of View	H:51°(Wide)~4.64°(Tele)/V:38.3°(Wide)~3.48°(Tele)
Minimum Working Distance	0.1m
Focusing System	AUTO / MANUAL / PUSHAF
Water Resistance	SSC-HS91IR12DN:IP66, SSC-HS82IR12DN:IP66
Power Supply ; Consumption	24Vdc / 24Vac
Operation ; Storage Temp.	-10°C ~ 50°C ; -20°C ~ 60°C
Operation ; Storage Humidity	Maximum: RH80% ; RH90%
Dimensions	290x293mm / 200x280mm / 200x223mm / 200x134mm
Net Weight	4.05kg / 3.35kg / 2.55kg / 2.8kg
Accessories Option	MTB-901A, MTB-901B, MTB-902, MTB-904, MTB-905

*Specifications are unfixed and do not apply to customized projects. 120301

FEATURES

Include Key Pad Function

- SDI Standards 3G-SDI (SMPTE 424M) & HD-SDI(SMPTE 292M)
- Real-time High Quality Digital Video Transmission ; OSD Control
- Support 3G-SDI (SMPTE 424M), HD-SDI (SMPTE 292M)
- Gold-plated BNC connector (SDI, Input) x1, Gold-plated BNC connector (SDI, Output) x1
- Support SDI: Full HD 1080P/HD 720P@25/30/50/60fps, HD 1080i@50/60fps
- Support HDMI: Full HD 1080P@25/30/50/60fps, HD 720P@25/30/50/60fps
- Coaxitron Techology, Coaxial Cable Video & Control Transmission
- SSD-RX010N with Network Function



SSD-RX010 SDI Receiver without PoC

SSD-RX010N SDI IP Receiver without PoC

SSD-RX010
SDI Receiver
without PoCSSD-RX010N
SDI IP Receiver
without PoC

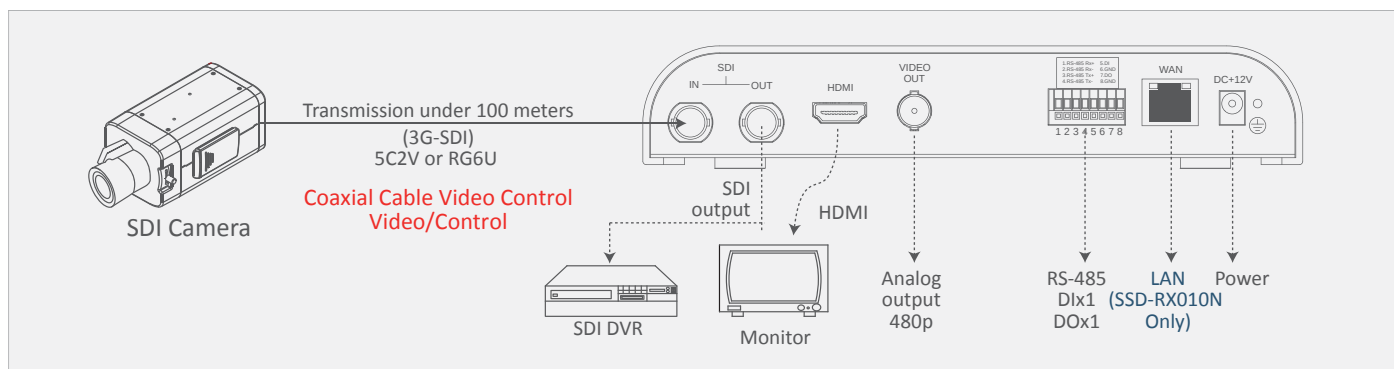
Tol:±0.5 Unit:mm

SPECIFICATIONS

	SSD-RX010	SSD-RX010N
SDI Standards	3G-SDI (SMPTE 424M), HD-SDI (SMPTE 292M)	
Cable Transmission	100 meter (Recommend 5C2V or RG6U Cable)	
SDI Input	Gold-plated BNC connector (SDI, Input) x1	
Coaxitron Techology	Video / Control	
SDI Resolution	Full HD 1080P@25/30/50/60fps, HD 1080i@50/60fps, HD 720P@25/30/50/60fps	
SDI Output	Gold-plated BNC connector (SDI, Output) x1	
HDMI Output	Full HD 1080P@25/30/50/60fps, HD 720P@25/30/50/60fps	
Analog Video Output	HDMI(1.3a)Type A connector (Output) x1	
HDMI Resolution	BNC connector (1.0Vp-p Composite, 75Ω) x1	
Audio Input	NA	
Audio Output	NA	
RS-485 Input	RS-485 +/-	
RS-485 Output	RS-485 +/-	
DI/DO	DIx1 / DOx1	
Ethernet	NA	10/100M Auto Negotiation
Video compression	NA	H.264, MPEG4, M-JPEG
H.264	NA	H.264 HighProfile
Bit Rate Transmission	NA	1920x1080/1280x1024/1280x960/1280x720@30fps
Power Supply	12Vdc ; 3.6W	12Vdc ; 5.4W
Operating ; Storage Temp.	Silver, 190(W)x35.2(H)x107(L)mm	
Operation ; Storage Humidity	-10°C~50°C ; -20°C~60°C	
Dimensions	Maximum: RH80% ; RH90%	
Net Weight	490g	520g

*Specifications are unfixed and do not apply to customized projects. 120301

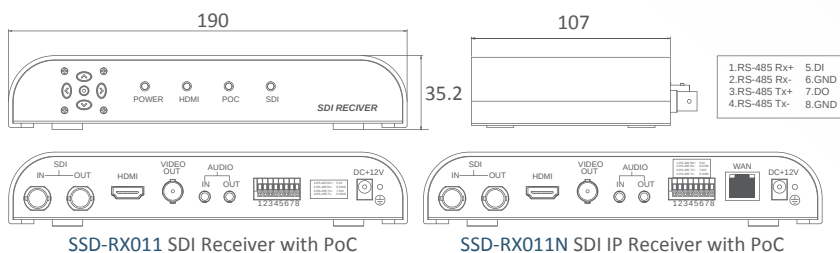
SYSTEM APPLICATIONS



FEATURES

Include Key Pad Function

- SDI Standards 3G-SDI (SMPTE 424M) & HD-SDI(SMPTE 292M)
- Real-time High Quality Digital Video Transmission ; OSD Control
- Support 3G-SDI (SMPTE 424M), HD-SDI (SMPTE 292M)
- Gold-plated BNC connector (SDI, Input) x1, Gold-plated BNC connector (SDI, Output) x1
- Support SDI: Full HD 1080P/HD 720P@25/30/50/60fps, HD 1080i@50/60fps
- Support HDMI: Full HD 1080P@25/30/50/60fps, HD 720P@25/30/50/60fps
- Exclusive One Cable Technology, One Cable Transmission(Video/Audio/Power/Control)
- SSD-RX011N with Network Function



SSD-RX011
SDI Receiver
with PoC

SSD-RX011N
SDI IP Receiver
with PoC



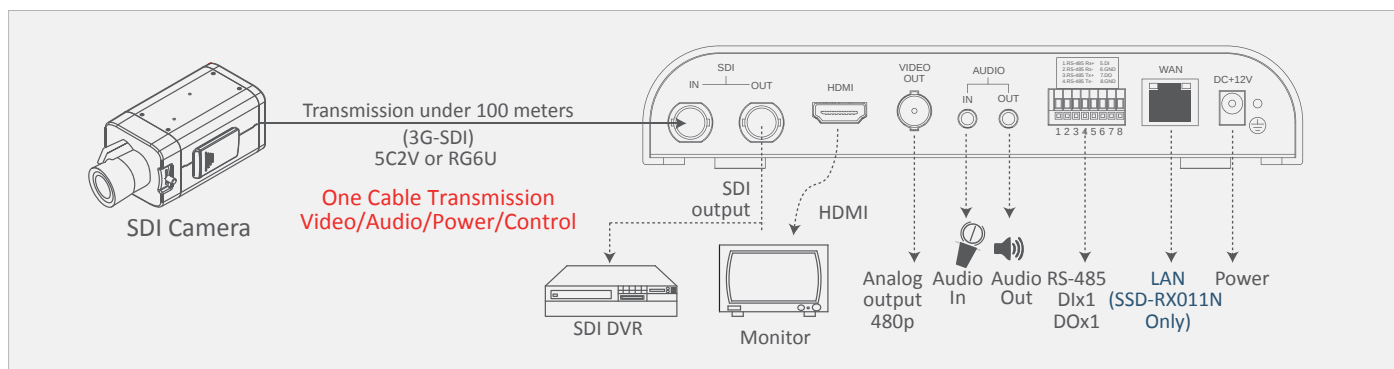
SPECIFICATIONS

Tol:±0.5 Unit:mm

	SSD-RX011	SSD-RX011N
SDI Standards	3G-SDI (SMPTE 424M), HD-SDI (SMPTE 292M)	
Cable Transmission	100 meter (Recommend 5C2V or RG6U Cable)	
SDI Input	Gold-plated BNC connector (SDI, Input) x1	
One Cable Technology	Video/Audio/Power/Control	
SDI Resolution	Full HD 1080P@25/30/50/60fps, HD 1080i@50/60fps, HD 720P@25/30/50/60fps	
SDI Output	Gold-plated BNC connector (SDI, Output) x1	
HDMI Output	Full HD 1080P@25/30/50/60fps, HD 720P@25/30/50/60fps	
Analog Video Output	HDMI(1.3a)Type A connector (Output) x1	
HDMI Resolution	BNC connector (1.0Vp-p Composite, 75Ω) x1	
Audio Input	Audio In (3.5mm) x1	
Audio Output	Audio out (3.5mm) x1	
RS-485 Input	RS-485 +/-	
RS-485 Output	RS-485 +/-	
DI/DO	DIx1 / DOx1	
Ethernet	NA	10/100M Auto Negotiation
Video compression	NA	H.264, MPEG4, M-JPEG
H.264	NA	H.264 HighProfile
Bit Rate Transmission	NA	1920x1080/1280x1024/1280x960/1280x720@30fps
Power Supply	12Vdc ; 3.6W (Enable PoC: Max.13.6W)	12Vdc ; 5.4W (Enable PoC: Max.15.4W)
Operating ; Storage Temp.	Black, 190(W)x35.2(H)x107(L)mm	
Operation ; Storage Humidity	-10°C~50°C ; -20°C~60°C	
Dimensions	Maximum: RH80% ; RH90%	
Net Weight	490g	520g

*Specifications are unfixed and do not apply to customized projects. 120301

SYSTEM APPLICATIONS





FEATURES

- Both of HD-CCTV Megapixel Video Inputs and Analog Video Inputs
- Choose 720p or 1080p HD resolution recording for HD-CCTV Video Inputs up to 30 FPS/camera
- H.264 Compression format to minimize optimize disk space consumption
- Dual streaming to optimize remote viewing bandwidth utilization
- Real time recording rate and playback rate
- Multiple Main Monitors : HDMI 1080p / VGA (1920x1080) output for stunning image clarity
- Pentaplex Operation (Simultaneous live, recording, playback, archiving and remote viewing)
- User friendly GUI with graphical icons and visual indicators
- Supports eSATA external HDD
- Supports remote/mobile monitoring via PC browsers, Smartphones and iPhone/Android apps
- Multiple Control Inputs: mouse/front panel/ IR remote control/keyboard
- Express Setup: A unique menu option for quick & easy installation and setup
- Express Playback: Simply point, click and drag the playback bar to view desired recordings
- Express Archive: Archive video instantly (to USB) while playing back
- Express Search: Use the intuitive playback bar with simple drag & drop operations
- Smart Search: Review recorded video to identify motion in area(s) of interest
- Remote configuration support from built-in web interface
- Gigabit Ethernet interface for remote network viewing and controlling
- Audio recording capabilities
- 4 internal HDDs
- Built-in DVD burner
- 2 USB 2.0 ports for video archive and mouse usage
- Multi-language support

- Watermark capabilities to identify intentional modifications of recorded data
- Recording resolution and rate can be set independently for each camera, and changed via user defined schedule
- USB Mouse and IR remote control included
- 19" Rack mountable – rack ears included

SPECIFICATIONS

Tol:±0.5 Unit:mm

		SSR-ST1004A04
HD-CCTV Camera Inputs		4 BNC SMPTE292m compliant
Analog Camera Inputs		4 BNC
Looping Analog Camera Outputs		4 BNC
Compression Format		H.264
Dual Streaming		Yes (Configurable)
HD Recording Rate/ Resolution	1080P	60fps NTSC / 50fps PAL
Choose on resolution for both channels	720P	120fps NTSC / 100fps PAL
Analog Recording Rate/Resolution		
Resolution and rate can be set independently per	D1	120fps NTSC / 100fps PAL
Camera up to the total D1 recording capacity		
HD Playback Rate/ Resolution	1080P	Up to 45fps NTSC / 37.5fps PAL
	720P	Up to 90fps NTSC / 75fps PAL
Analog Playback Rate/Resolution	D1	Up to 120fps NTSC / 100fps PAL
Pentaplex Operation		Simultaneous Live, Recording, Playback, Archive and Remote Viewing
Main Monitor Outputs		1080p HDMI (socket Type A 19 pin female) and
(Simultaneous Display)		VGA 1920 x 1080 @60 Hz (D-Sub socket 15 pin female)
Audio Inputs		8 Inputs (RCA, line level)
Audio Outputs		2 Outputs (RCA, line level)
Recording Modes		Manual, Schedule and Event
Playback Serch		Date/Time, Event, Tex, Smart, Snapshot
Alarm Inputs		8
Alarm Outpuuts		4 Alarm Outputs - Form "C" rated at 30VDC, 1A
Video Pause		Yes
Video Loss Detection		Yes
Motion Detection		Yes
Event Log		Yes
Watch Dog Timer		Yes
Internal HDD Support		4 Internal HDD (upto 8Tb max at time of printing)
External HDD Support		1 eSATA
DVD Drive		DVD RW Built In
User Interface		Color GUI (Graphical User Interface)
OS		Embedded Linux
Network/Protocol		Gigabit Ethernet ; TCP-IP / DHCP / PPPoE / DDNS / UDP / SMTP / SSL / HTTP / NTP / ICMP / ARP
Control PTZ via OSD		Local and Via web interface
USB		2 Front Panel USB 2.0 Port
Schedule Setting		Support Express and Advanced Schedule Setting
User Access		3 Levels of User Access Support
RS-232		9-pin D-Sub socket (maile)
RS-485		1 RS485 (2 RJ45 Connector)
Power Source		100VAC~240VAC
Power Consumption		110W max,. with 4 x HDD
Dimensions (L x W x H)		395 x 430 x 79.5 mm / 15.6" x 16.9" x 3.2"
Temperature		0°C~40°C / 32°F~104°F (20~80% humidity)
Cetificates		CE, FCC, UL
Supported PTZ Protocols		EverFocus, Pelco D, Pelco P, Samsung, Transparent

*Specifications are unfixed and do not apply to customized projects. 120301

SDI Repeater
3G-SDI Splitter (1 to 4)

- SSD-RP101
- SSD-SP104

SDI Repeater

Model	SSD-RP101
SDI Standards	Support(SMPTE 292M)HD-SDI & (SMPTE 424M)3G-SDI
Video Signal Input	1x BNC connector
Video Signal Output	1x BNC connector
Cable Transmission	140 Meter (RG6/U)
Power Inputs (Adapter)	DC 6~12V
Power Inputs (P.O.C)	NA
One Cable System technology	Video
Operation ; Storage Temp	-10°C~50°C ; -20°C~60°C
Operation ; Storage Humidity	Maximum: RH80% ; RH90%



SSD-RP101

3G-SDI Splitter (1 to 4)

Model	SSD-SP104
SDI Standards	SDI / HD-SDI / 3G-SDI
Input/Output	One SDI Input to four SDI outputs
	For SDI video splitter only
	Four separately buffered outputs
Supports HD formats	720p24, 25, 30, 50 & 60, 1080i50 & 60, 1080p24, 25, 30, 50 & 60



SSD-SP104

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USB Keyboard Control
Megapixel Lens
HDMI Cable
Power Supply

- MCU-PTZ071
- SHV-3M2812DAI [3M], SHV-3M04NI [3M], SHV-2M2812DAI [2M]
- HDMI-030RG/MM
- ADA-12150, ADA-12151, ADA-12152

USB Keyboard Control

Model	MCU-PTZ071
Material	Housing : Metal Function Buttons : ABS
Deflection	X axis : $\pm 25^{\circ} \sim 30^{\circ}$; Y axis : $\pm 25^{\circ} \sim 30^{\circ}$; Z axis : $\pm 45^{\circ}$
Centering	X/Y/Z 3 axis auto coordinate orientation
Storage Temperature	-20°C~70°C
Function Buttons	12 Keys and 3D Joystick
Operation Temperature	0~50°C
Interface	USB1.1
Power Supply	Via USB Interface (5V DC)
Dimensions	160(W)x180(D)x93(H)mm
Weight	820g



MCU-PTZ071

3.0 Megapixel IR Auto IRIS Lens

Model	SHV-3M2812DAI
Focus (mm)	2.8~12
Aperture (F)	1.4
Mount	CS-Mount
Format	1/3"
Hor. Angle of View (H)	1/3", 23.26°~100.02°
M.O.D	1.5 meter
Remark	IR DC Auto IRIS



SHV-3M2812DAI

3.0 Megapixel IR Fixed Lens

Model	SHV-3M04NI
Focus (mm)	4
Aperture (F)	1.6
Mount	CS-Mount
Format	1/2.8"
Hor. Angle of View (H)	1/2.8", 73.6°
M.O.D	0.5 meter
Remark	Manual IRIS (Day & Night)

2.0 Megapixel IR Auto IRIS Lens

Model	SHV-2M2812DAI
Focus (mm)	2.8~12
Aperture (F)	1.2
Mount	CS-Mount
Format	1/2.7"
Hor. Angle of View (H)	1/2.7", 29.1°~139.1°
M.O.D	1.5 meter
Remark	IR DC Auto IRIS (Day & Night)



SHV-3M04NI



SHV-2M2812DAI

HDMI Cable

Model	HDMI-030RG/MM
Cable Type:	Round Type
Connector Type:	HDMI male to HDMI male
Connector Pin Number:	19pin to 19pin
Connector Material:	Gold Plated, Molding Type
Supported Resolution:	Standard Video Resolutions
Cable Length:	3.0 m
Color:	Black



HDMI-030RG/MM

Switch Power Supply (AC to DC)

Model	ADA-12150	ADA-12151	ADA-12152
AC Input Voltage (Vac)	100~240	100~240	100~240
AC Input Frequency (Hz)	50~60	50~60	50~60
AC Input Current (A)	0.5 (Max.)	0.5 (Max.)	0.5 (Max.)
DC Output Voltage (Vdc)	12 (±5%)	12 (±5%)	12 (±5%)
DC Output Current (A)	1.5	1.5	1.5
Dimension (mm)	45x70x30 (Without Plug)	45x70x30 (Without Plug)	45x70x30 (Without Plug)
Application (Country)	USA, Japan, Taiwan, etc.	Germany, Europe, etc.	UK, the Middle East, etc.



USA, JP

Europe

UK

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