

2MP Starvis 10X Zoom

Starlight | HDR | D/N Focus

	Box	LPR	IR Bullet	LPR
Model	 ICR	 ICR	 ICR IP66	 ICR IP66
Name	SNC-WD2201MSZ-II	SNC-WD2201MSZ-II-C	SNC-WDL22043MSZ-II	SNC-WDL22043MSZ-II-C
Image Sensor	1/2.8" SONY 2.0M Starvis CMOS Sensor			
Video Frame Rate (Maximum)	1920x1080@25/30fps, 1280x1024@25/30fps, 1280x720@25/30fps, 720x480@25/30fps			
Video Compression	H.264, MPEG4 and M-JPEG			
Minimum Illumination	Color: 0.02Lux@F1.2, B/W: 0.005Lux@F1.2, Sense-up: 0.001Lux@F1.2		Color: 0.02Lux@F1.2, B/W: 0.005Lux@F1.2, IR On: 0Lux@F1.2	
Wide Dynamic Range	120dB			
IR LED; Working Distance (Meter)	N/A	N/A	30 Units (6pcs High Power) ; 20~30M	30 Units (6pcs High Power); 20~30M
Day & Night Mode	Color / B&W / Auto / External			
Auto Electronic Shutter	1/25(30)~1/30,000 sec ; Flickerless			
Manual Electronic Shutter	1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 sec			
White Balance	ATW / AWB / PWB (Push Lock) / Manual			
WDR & BLC Functions	D-WDR / WDR / BLC / HLC			
Fog Reduction	Auto / Manual / Off; Level: High / Middle / Low			
DNR	High / Middle / Low / Off			
Language	English / Japanese / Traditional Chinese / Simplified Chinese / Russian / Hungarian / German / Persian / Spanish / Polish / Dutch			
E-Zoom	1.0x~8.0x (step 0.1)			
Image Setting	Sharpness / Mirror / Flip			
Privacy Zone Masks	16 Zones Programmable			
Motion Detection	On: Sensitivity, Area Program/Off			
Lens Shading Compensation	On / Off			
Bit Rate	64 up to 12,000 Kbps			
Protocols	TCP IP, UDP, HTTP, SMTP, FTP, NTP, DNS, DHCP, PPPoE, ARP, UPnP,RTSP, RTP, SNMP, TRAP, Ethernet (RJ-45 Wired 10/100 Base-TX)			
Video Streaming	H.264, MPEG4 and M-JPEG Dual/Triple Streaming			
Audio Broadcast	Two-way Audio; G.711 (uLaw), 8KHz/16KHz Sample Rate			
Alarm Trigger	File Upload via FTP and Email/Notification via Email, HTTP			
Multicast	Support Multicast Function			
LPR Function	N/A	D/N Preset	N/A	D/N Preset
Connector	Audio , RJ45, DC Power, BNC, DI/DO/RS485, Reset Button, MicroSD Slot		Audio , RJ45, DC Power, BNC, DO/RS485, Reset Button	
Alarm In / Out	DI/DO	DI/DO	DI/DO	DI/DO
Lens Adapter	Built-in Zoom Lens			
Lens	10X Optical Zoom f5mm (Wide) ~ 50mm (Tele), F1.8 to F3.0			
Power Supply; Consumption	12Vdc / PoE ; 4W	12Vdc / PoE ; 4W	12Vdc / PoE ; 4W, LED On: 9W	12Vdc / PoE ; 4W, LED On: 9W
Water Resistance; Max. Breaking Strength	N/A	N/A	IP66	IP66
Operation; Storage Temp.	-10° C ~ 50° C ; -20° C ~ 60° C			
Operation; Storage Humidity	Maximum:RH80% ; RH90%			
Dimension	118(L)x58(H)x62(W)mm	118(L)x58(H)x62(W)mm	89(DIA)x168(H)mm	89(DIA)x168(H)mm
Net Weight	400g	400g	700g	700g

	Indoor Dome	Vandal IR Dome	Indoor Dome	Vandal IR Dome	IR Bullet
Model	 ICR	 ICR	 ICR IK10 IP66	 ICR IK10 IP66	 ICR IP66
Name	SNC-WD2202MSV-II	SNC-WDL2202MSV-II	SNC-WD2203MSV-II	SNC-WDL2203MSV-II	SNC-WDL22043MSV-II
Image Sensor	1/2.8" Sony 2.0M Starvis CMOS Sensor				
Video Frame Rate (Maximum)	1920x1080@25/30fps, 1280x1024@25/30fps, 1280x720@25/30fps, 720x480@25/30fps				
Video Compression	H.264, MPEG4 and M-JPEG				
Minimum Illumination	Color: 0.02Lux@F1.2, B/W: 0.005Lux@F1.2, Sense-up: 0.001Lux@F1.2		Color: 0.02Lux@F1.2, B/W: 0.005Lux@F1.2, IR On: 0Lux@F1.2		
Wide Dynamic Range	120dB				
IR LED; Working Distance(Meter)	N/A	30 Units; 10~20M	N/A	Standard: 30pcs Hi-Bright, 16~20M Option: 4pcs Hi-Power + 26pcs Hi-Bright, 20~25M	Standard: 30pcs Hi-Bright, 25~30M Option: 6pcs Hi-Power + 24pcs Hi-Bright, 30~40M
Day & Night Mode	Color / B&W / Auto / External				
Auto Electronic Shutter	1/25(30)~1/30,000 sec ; Flickerless				
Manual Electronic Shutter	1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 sec				
White Balance	ATW / AWB / PWB (Push Lock) / Manual				
WDR & BLC Functions	D-WDR / WDR / BLC / HLC				
Fog Reduction	Auto / Manual / Off; Level: High / Middle / Low				
DNR	High / Middle / Low / Off				
Language	English / Japanese / Traditional Chinese / Simplified Chinese / Russian / Hungarian / German / Persian / Spanish / Polish / Dutch				
E-Zoom	1.0x~8.0x (step 0.1)				
Image Setting	Sharpness / Mirror / Flip				
Privacy Zone Masks	16 Zones Programmable				
Motion Detection	On: Sensitivity, Area Program/Off				
Lens Shading Compensation	On / Off				
Bit Rate	64 up to 12,000 Kbps				
Protocols	TCP IP, UDP, HTTP, SMTP, FTP, NTP, DNS, DHCP, PPPoE, ARP, UPnP,RTSP, RTP, SNMP, TRAP, Ethernet (RJ-45 Wired 10/100 Base-TX)				
Video Streaming	H.264, MPEG4 and M-JPEG Dual/Triple Streaming				
Audio Broadcast	Two-way Audio; G.711 (uLaw), 8KHz/16KHz Sample Rate				
Alarm Trigger	File Upload via FTP and Email/Notification via Email, HTTP				
Multicast	Support Multicast Function				
LPR Function	D/N Preset	N/A	N/A	N/A	N/A
Connector	Audio , RJ45, DC Power, BNC, DI/DO/RS485, Reset Button				
Alarm In / Out	DI/DO	DI/DO	DI/DO	DI/DO	DI/DO
Lens Adapter	Built-in Motorized Lens				
Lens	N/A	f2.8~12mm, f7~22mm (Option)			
Water Resistance; Max. Breaking Strength	N/A	N/A	IP66; IK10	IP66; IK10	IP66
Power Supply; Consumption	12Vdc / PoE ; 4W	12Vdc / PoE ; 4W	12Vdc / PoE ; 4W	12Vdc / PoE ; 4W, LED On:9W	12Vdc / PoE ; 4W, LED On:9W
Operation; Storage Temp.	-10° C ~ 50° C ; -20° C ~ 60° C				
Operation; Storage Humidity	Maximum:RH80% ; RH90%				
Dimension	62(W)x56(H)x120(L)mm	140(DIA)x112(H)mm	140(DIA)x112(H)mm	140(DIA)x112(H)mm	89(DIA)x168(H)mm
Net Weight	350g	500g	550g	1000g	700g

	Indoor Dome		Vandal IR Dome	Bullet
Model	 ICR	 ICR	 ICR IK10 IP67	 ICR IP66
Name	SNC-WD2202MV-II	SNC-WDL2202MV-II	SNC-WDL2203MV-II	SNC-WDL22043MV-II
Image Sensor	1/3" SONY 2.4 Megapixel Progressive CMOS Sensor			
Video Frame Rate (Maximum)	1920x1080@25/30fps, 1280x1024@25/30fps, 1280x720@25/30fps, 720x480@25/30fps			
Video Compression	H.264, MPEG4, M-JPEG			
Minimum Illumination	Color: 0.05Lux@F1.2, B/W: 0.02Lux@F1.2, Senseup: 0.001Lux@F1.2	Color: 0.05Lux@F1.2, B/W: 0.02Lux@F1.2, Senseup: 0.001Lux@F1.2	Color: 0.05Lux@F1.2, B/W: 0.02Lux@F1.2, IR On: 0Lux@F1.2	Color: 0.05Lux@F1.2, B/W: 0.02Lux@F1.2, IR On: 0Lux@F1.2
Wide Dynamic Range	90dB			
Mechanical IR Cut Filter (ICR)	Yes	Yes	Yes	Yes
IR LED; Working Distance (Meter)	N/A	N/A	Standard: 30pcs Hi-Bright, 12~15M Option: 4pcs Hi-Power + 26pcs Hi-Bright, 15~20M	30 Units(30pcs Hi-Bright), 20-25M Option: 6pcs Hi-Power, 24pcs Hi-Bright, 20~30M
Day & Night Mode	Color / B&W / Auto / External			
Auto Electronic Shutter	1/25(30)~1/30,000 sec ; Flickerless			
Manual Electronic Shutter	1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 sec			
White Balance	ATW / AWB / PWB(Push Lock) / Manual			
WDR & BLC Functions	D-WDR / WDR / BLC / HLC			
Fog Reduction	Auto / Manual / Off; Level: High / Middle / Low			
DNR	High / Middle / Low / Off			
Language	English / Japanese / Traditional Chinese / Simplified Chinese / Russian / Hungarian / German / Persian / Spanish / Polish / Dutch			
E-Zoom	1.0x~8.0x (step 0.1)			
Image Setting	Sharpness / Mirror / Flip			
Privacy Zone Masks	16 Zones Programmable			
Motion Detection	ON:Sensitivity, Area Program/Off			
Lens Shading Compensation	On / Off			
Bit Rate	64 up to 12,000 Kbps			
Protocols	TCP IP, UDP, HTTP, SMTP, FTP, NTP, DNS, DHCP, PPPoE, ARP, UPnP,RTSP, RTP, SNMP, TRAP, Ethernet (RJ-45 Wired 10/100 Base-TX)			
Video Streaming	H.264, MPEG4 and M-JPEG Dual/Triple Streaming			
Audio Broadcast	Two-way Audio; G.711 (uLaw), 8KHz/16KHz Sample Rate			
Alarm Trigger	File Upload via FTP and Email/Notification via Email, HTTP			
Multicast	Support Multicast Function			
Connector	Audio , RJ45, DC Power, BNC, DI/DO/RS485, Reset Button			
Alarm In / Out	DI/DO	DI/DO	DI/DO	DI/DO
Lens Adapter	Built-in Motorized Lens			
Lens	f2.8~12mm, f7~22mm (Option)			
Water Resistance; Max. Breaking Strength	N/A	N/A	IP66; IK10	IP66
Power Supply; Consumption	12Vdc / PoE ; 4W	12Vdc / PoE ; 4W, LED On:9W	12Vdc / PoE ; 4W, LED On:9W	12Vdc / PoE ; 4W, LED On:9W
Operation; Storage Temp.	-10° C ~ 50° C ; -20° C ~ 60° C			
Operation; Storage Humidity	Maximum:RH80% ; RH90%			
Dimension	140(DIA)x112(H)mm	140(DIA)x112(H)mm	140(DIA)x112(H)mm	89(DIA)x168(H)mm
Net Weight	500g	550g	1000g	700g

	Box	Indoor Dome	Mini Dome	
Model	 ICR			 IK10 IP67
Name	SNC-WD2201M-II	SNC-WD2202-II	SNC-WD22025	SNC-WD22035
Image Sensor	1/3" SONY 2.4 Megapixel Progressive CMOS Sensor		1/2.8" Sony 2.0 Megapixel Progressive Exmor CMOS Sensor	
Video Frame Rate (Maximum)	1920x1080@25/30fps, 1280x1024@25/30fps, 1280x720@25/30fps, 720x480@25/30fps			
Video Compression	H.264, MPEG4, M-JPEG			
Minimum Illumination	Color: 0.05Lux@F1.2, B/W: 0.02Lux@F1.2, Sense-up: 0.001Lux@F1.2		Color: 0.1Lux@F1.2, B/W: 0.01Lux@F1.2, Sense-up: 0.001Lux@F1.2	
Wide Dynamic Range	90dB		Yes	
Mechanical IR Cut Filter (ICR)	Yes	N/A	N/A	N/A
IR LED; Working Distance (Meter)	N/A	N/A	N/A	N/A
Day & Night Mode	Color / B&W / Auto / External			
Auto Electronic Shutter	1/25(30)~1/30,000 sec; Flickerless			
Manual Electronic Shutter	1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 sec			
White Balance	ATW / AWB / PWB (Push Lock) / Manual			
WDR & BLC Functions	D-WDR / WDR / BLC / HLC			
Fog Reduction	Auto / Manual / Off; Level: High / Middle / Low			
DNR	High / Middle / Low / Off			
Language	English / Japanese / Traditional Chinese / Simplified Chinese / Russian / Hungarian / German / Persian / Spanish / Polish / Dutch			
E-Zoom	1.0x~8.0x (step 0.1)			
Image Setting	Sharpness / Mirror / Flip			
Privacy Zone Masks	16 Zones Programmable			
Motion Detection	On: Sensitivity, Area Program/Off			
Lens Shading Compensation	On / Off			
Bit Rate	64 up to 12,000 Kbps			
Protocols	TCP IP, UDP, HTTP, SMTP, FTP, NTP, DNS, DHCP, PPPoE, ARP, UPnP,RTSP, RTP, SNMP, TRAP, Ethernet (RJ-45 Wired 10/100 Base-TX)			
Video Streaming	H.264, MPEG4 and M-JPEG Dual/Triple Streaming			
Audio Broadcast	Two-way Audio; G.711 (uLaw), 8KHz/16KHz Sample Rate			
Alarm Trigger	File Upload via FTP and Email/Notification via Email, HTTP			
Multicast	Support Multicast Function			
Connector	Audio , RJ45, DC Power, BNC, DI/DO/RS485, Reset Button		RJ45 / PoE, DC Power, Reset Button	
Alarm In / Out	DI/DO	DI/DO	DI/DO	DI/DO
Lens Adapter	Built-in Varifocal Lens		Built-in Board Lens	
Lens	f2.8~12mm, f7~22mm (Option)		f2.8mm	
Water Resistance; Max. Breaking Strength	N/A	N/A	N/A	IP67; IK10
Power Supply; Consumption	12Vdc / PoE ; 4W	12Vdc / PoE ; 4W	12Vdc / PoE (15W Switch ; 4W)	12Vdc / PoE (15W Switch ; 4W)
Operation; Storage Temp.	-10° C ~ 50° C ; -20° C ~ 60° C			
Operation; Storage Humidity	Maximum:RH80% ; RH90%			
Dimension	62(W) x 56(H) x 120(L)mm	140(DIA)x112(H)mm	110(DIA)x57(H)mm	110(DIA)x57(H)mm
Net Weight	350g	550g	350g	500g

2MP Professional Varifocal

WDR

	Indoor Dome		Vandal IR Dome	IR Bullet
Model	 ICR	 ICR	 ICR 656.1kgf IP66	 ICR 656.1kgf IP67
Name	SNC-WD2202M-II	SNC-WDL2202M-II	SNC-WDL2203M-II	SNC-WDL22043M-II
Image Sensor	1/3" SONY 2.4 Megapixel Progressive CMOS Sensor			
Video Frame Rate (Maximum)	1920x1080@25/30fps, 1280x1024@25/30fps, 1280x720@25/30fps, 720x480@25/30fps			
Video Compression	H.264, MPEG4, M-JPEG			
Minimum Illumination	Color:0.05Lux@F1.2, B/W:0.02Lux@F1.2, Senseup:0.001Lux@F1.2	Color:0.05Lux@F1.2, B/W:0.02Lux@F1.2, Senseup:0.001Lux@F1.2	Color:0.05Lux@F1.2, B/W:0.02Lux@F1.2, IR On:0Lux@F1.2	Color:0.05Lux@F1.2,B/W:0.02Lux@F1.2, IR ON:0Lux@F1.2
Wide Dynamic Range	90dB			
Mechanical IR Cut Filter (ICR)	Yes	Yes	Yes	Yes
IR LED; Working Distance (Meter)	N/A	N/A	Standard: 30pcs Hi-Bright, 12~15M Option: 4pcs Hi-Power + 26pcs Hi-Bright, 15~20M	30 Units(30pcs Hi-Bright), 20-25M Option: 6pcs Hi-Power, 24pcs Hi-Bright, , 20~30M
Day & Night Mode	Color / B&W / Auto / External			
Auto Electronic Shutter	1/25(30)~1/30,000 sec; Flickerless			
Manual Electronic Shutter	1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 sec			
White Balance	ATW / AWB / PWB(Push Lock) / Manual			
WDR & BLC Functions	D-WDR / WDR / BLC / HLC			
Fog Reduction	Auto / Manual / Off; Level: High / Middle / Low			
DNR	High / Middle / Low / Off			
Language	English / Japanese / Traditional Chinese / Simplified Chinese / Russian / Hungarian / German / Persian / Spanish / Polish / Dutch			
E-Zoom	1.0x~8.0x (step 0.1)			
Image Setting	Sharpness / Mirror / Flip			
Privacy Zone Masks	16 Zones Programmable			
Motion Detection	ON:Sensitivity, Area Program/Off			
Lens Shading Compensation	On / Off			
Bit Rate	64 up to 12,000 Kbps			
Protocols	TCP IP, UDP, HTTP, SMTP, FTP, NTP, DNS, DHCP, PPPoE, ARP, UPnP,RTSP, RTP, SNMP, TRAP, Ethernet (RJ-45 Wired 10/100 Base-TX)			
Video Streaming	H.264, MPEG4 and M-JPEG Dual/Triple Streaming			
Audio Broadcast	Two-way Audio; G.711 (uLaw), 8KHz/16KHz Sample Rate			
Alarm Trigger	File Upload via FTP and Email/Notification via Email, HTTP			
Multicast	Support Multicast Function			
Connector	Audio , RJ45, DC Power, BNC, DI/DO/RS485, Reset Button			
Alarm In / Out	DI/DO	DI/DO	DI/DO	DI/DO
Lens Adapter	Built-in Varifocal Lens			
Lens	f2.8~12mm			
Water Resistance; Max. Breaking Strength	N/A	N/A	IP66; IK10	IP66
Power Supply; Consumption	12Vdc / PoE ; 4W	12Vdc / PoE ; 4W, LED On:9W	12Vdc / PoE ; 4W, LED On:9W	12Vdc / PoE ; 4W, LED On:9W
Operation; Storage Temp.	-10° C ~ 50° C ; -20° C ~ 60° C			
Operation; Storage Humidity	Maximum:RH80% ; RH90%			
Dimension	140(DIA)x112(H)mm	140(DIA)x112(H)mm	140(DIA)x112(H)mm	89(DIA)x168(H)mm
Net Weight	500g	550g	1000g	700g

1.3MP Starlight Motorized

Starlight | WDR | D/N Focus

	Dome		Outdoor Dome	Bullet
Model	 ICR	 ICR	 ICR 656.1kgf IP66	 ICR IP66
Name	SNC-WD2132MSV-II	SNC-WDL2132MSV-II	SNC-WDL2133MSV-II	SNC-WDL21343MSV-II
Image Sensor	1/3" Sony 1.3M Progressive Exmor CMOS Sensor			
Video Frame Rate (Maximum)	1280x1024@25/30fps, 1280x960@25/30fps, 1280x720@25/30fps, 720x480@25/30fps			
Video Compression	H.264, MPEG4, M-JPEG			
Minimum Illumination	Color:0.02Lux@F1.2, B/W:0.005Lux@F1.2, IR On: 0Lux@F1.2			
IR LED; Working Distance (Meter)	N/A	30 Units; 10~20M	30 Units; 10~20M	30 Units; 10~20M
Day & Night Mode	Color / B&W / Auto / External			
Auto Electronic Shutter	1/25(30)~1/30,000 sec ; Flickerless			
Manual Electronic Shutter	1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000, 1/30000 sec			
White Balance	ATW / AWB / PWB(Push Lock) / Manual			
WDR ; BLC	D-WDR / WDR / BLC / HLC			
Fog Reduction	Auto/Manual/Off ; Level: High / Middle / Low			
DNR ; Sense-up	High / Middle / Low / Off ; On (x2,x4,x8,x16,x32) / Off			
eZoom	1.0x~8.0x (step 0.1)			
Language	English / Japanese / Traditional Chinese / Simplified Chinese / Russian / Hungarian / German / Persian / Spanish / Polish / Dutch			
Image Setting	Sharpness / Mirror / Flip ; Lens Shading Compensation: On / Off			
Motion Detection	On: Sensitivity, Area Program / Off			
Privacy Zone Masks	12 Zones Programmable (4x3)			
Bit Rate	64 up to 12,000 Kbps			
Protocols	TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DHCP, PPPoE, ARP, UPnP, RTSP, RTP			
Video Streaming	H.264, MPEG4 and M-JPEG Dual/Triple Streaming			
Audio Broadcast	Two-way Audio; G.711 (uLaw), 8KHz/16KHz Sample Rate			
Alarm Trigger	File Upload via FTP and Email/Notification via Email, HTTP			
Multicast	Support Multicast Function			
Connector	Audio , RJ45, DC Power, BNC, Reset Button, DI/DO/RS485			
Alarm In / Out	DI/DO	DI/DO	DI/DO	DI/DO
Lens Adapter	Built-in Motorized Lens			
Lens	f2.8~12mm / f7~22mm(Optional)			
Power Supply ; Consumption	12Vdc / PoE (15W Switch) ; 4W	12Vdc / PoE (15W Switch) ; 4W, LED On:9W	12Vdc / PoE (15W Switch) ; 4W, LED On:9W	12Vdc / PoE (15W Switch) ; 4W, LED On:9W
Water Resistance; Max. Breaking Strength	N/A	N/A	IP66; 656.1kgf	IP66
Operation;Storage Temp.	-10° C ~ 50° C ; -20° C ~ 60° C			
Operation;Storage Humidity	Maximum: RH80% ; RH90%			
Dimension	140(DIA)x112(H)mm	140(DIA)x112(H)mm	140(DIA)x112(H)mm	89(DIA)x168(H)mm
Net Weight	500g	550g	1000g	700g

Specifications are subject to change without notice.

1.3MP Starlight Varifocal

Starlight | WDR

	Box	Dome		Outdoor Dome	Bullet
Model	 ICR	 ICR	 ICR	 ICR 656.1kgf IP66	 ICR IP66
Name	SNC-WD2131MS-II	SNC-WD2132MS-II	SNC-WDL2132MS-II	SNC-WDL2133MS-II	SNC-WDL21343MS-II
Image Sensor	1/3" Sony 1.3M Progressive Exmor CMOS Sensor				
Video Frame Rate (Maximum)	1280x1024@25/30fps, 1280x960@25/30fps, 1280x720@25/30fps, 720x480@25/30fps				
Video Compression	H.264, MPEG4, M-JPEG				
Minimum Illumination	Color:0.02Lux@F1.2, B/W:0.005Lux@F1.2, IR On: 0Lux@F1.2				
IR LED; Working Distance (Meter)	N/A	N/A	30 Units; 10~20M	30 Units; 10~20M	30 Units; 10~20M
Day & Night Mode	Color / B&W / Auto / External				
Auto Electronic Shutter	1/25(30)~1/30,000 sec ; Flickerless				
Manual Electronic Shutter	1/25(30), 1/50(60), 1/100(120), 1/240, 1/500, 1/1000, 1/2000, 1/4000, 1/8000,1/16000, 1/30000 sec				
White Balance	ATW / AWB / PWB(Push Lock) / Manual				
WDR ; BLC	D-WDR / WDR / BLC / HLC				
Fog Reduction	Auto/Manual/Off ; Level: High / Middle / Low				
DNR ; Sense-up	High / Middle / Low / Off ; On (x2,x4,x8,x16,x32) / Off				
eZoom	1.0x~8.0x (step 0.1)				
Language	English / Japanese / Traditional Chinese / Simplified Chinese / Russian / Hungarian / German / Persian / Spanish / Polish / Dutch				
Image Setting	Sharpness / Mirror / Flip ; Lens Shading Compensation: On / Off				
Motion Detection	On: Sensitivity, Area Program / Off				
Privacy Zone Masks	12 Zones Programmable (4x3)				
Bit Rate	64 up to 12,000 Kbps				
Protocols	TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DHCP, PPPoE, ARP, UPnP, RTSP, RTP				
Video Streaming	H.264, MPEG4 and M-JPEG Dual/Triple Streaming				
Audio Broadcast	Two-way Audio; G.711 (uLaw), 8KHz/16KHz Sample Rate				
Alarm Trigger	File Upload via FTP and Email/Notification via Email, HTTP				
Multicast	Support Multicast Function				
Connector	Audio , RJ45, DC Power, BNC, Reset Button, DI/DO/RS485				
Alarm In / Out	DI/DO	DI/DO	DI/DO	DI/DO	DI/DO
Lens Adapter	CS / C mount (With Adaptor Ring)	Built-in Varifocal Lens			
Lens	f2.8~12mm / f7~22mm(Optional)				
Power Supply ; Consumption	12Vdc / PoE (15W Switch) ; 4W	12Vdc / PoE (15W Switch) ; 4W	12Vdc / PoE (15W Switch) ; 4W, LED On:9W	12Vdc / PoE (15W Switch) ; 4W, LED On:9W	12Vdc / PoE (15W Switch) ; 4W, LED On:9W
Water Resistance ; Max. Breaking Strength	N/A	N/A	N/A	IP66; 656.1kgf	IP66
Operation ; Storage Temp.	-10° C ~ 50° C ; -20° C ~ 60° C				
Operation ; Storage Humidity	Maximum: RH80% ; RH90%				
Dimension	62(W)x56(H)x120(L)mm	140(DIA)x112(H)mm	140(DIA)x112(H)mm	140(DIA)x112(H)mm	89(DIA)x168(H)mm
Net Weight	350g	500g	550g	1000g	700g

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