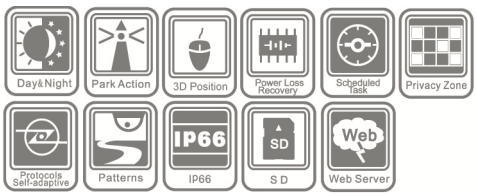
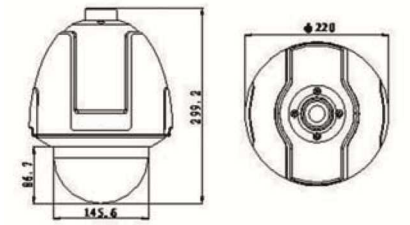
IP 5” Dome Camera. H.264. Varifocal Lens. 36x Optical zoom.

- **Progressive scan CCD**
- **540 TVL (Color) / 570 TVL (B/W) Horizontal Resolution**
- **3.4 - 122.4 mm Varifocal Lens.**
- **Optical zoom: 36x, Digital zoom: 16x**
- **IR Cut Filter**
- **WDR (depending on the model)**
- **H.264 video compression**
- **Dual Stream**
- **Weather Proof: IP66 standard (depending on the model)**

Features



Dimensions (unit mm)



Accessory Options

SES-1614

Long-arm wall mount

SES-1615

Indoor short-arm wall mount

SES-1622

Pole mount

SES-1633

Suitable for corner mounting

SES-1634

Power box mount

Specifications

		SED-12205N-C18	SED-12105N-X36
		CCD 1/4’’ sensor. 3.4 - 122.4 mm Varifocal lens. 540/570 TVL In-ceiling	CCD 1/4’’ sensor. 3.4 - 122.4 mm Varifocal lens. 540/570 TVL Outdoor WDR
Camera	Image Sensor	1/4’’ Sony Super HAD CCD	1/4" SONY EXVIEW HAD progressive scan CCD
	Effective Pixel	PAL:752(H)×582(V) NTSC:768(H)×494(V)	PAL:752(H)×582(V) NTSC:768(H)×494(V)
	Horizontal Resolution	Color: 540 TVL B/W: 570 TVL	Color: 540 TVL B/W: 570 TVL
	Signal System	PAL /NTSC	PAL /NTSC
	Min. Illumination	Color: 0.2 Lux @ F1.6 B/W:0.02 Lux @ F1.6	Color: 0.2 Lux @ F1.6 B/W:0.02 Lux @ F1.6
	White Balance	Auto / Manual / ATW / Indoor / Outdoor	Auto / Manual / ATW / Indoor / Outdoor
	AGC	Auto / Manual	Auto / Manual
	S/N Ratio	≥ 50dB	≥ 50dB
	BLC	On / Off	On / Off
	Shutter Time	PAL:1-1/10,000s NTSC:1-1/10,000s	PAL:1/3-1/10,000s NTSC:1/4-1/10,000s
	Day & Night	IR Cut Filter	IR Cut Filter
	Digital Zoom	6x	12x
	Focus Model	Auto / Semiautomatic / Manual	Auto / Semiautomatic / Manual
Lens	Focal Length	3.4-122.4mm, 36X	3.4-122.4mm, 36X
	Zoom Speed	Approx.5.4s(Optical Wide-Tele)	Approx.2.7s(Optical Wide-Tele)
	Angle of View	57.8-1.7degree (Wide-Tele)	57.8-1.7degree (Wide-Tele)
	Min. Working Distance	10-1,000mm(Wide-Tele)	320-1,500mm(Wide-Tele)
	Aperture Range	F1.6 - F4.5	F1.6 - F4.5
Pan and Tilt	Pan Range	360°endless	360°endless
	Pan Speed	Pan Manual Speed: 0.1°- 400°/s, Pan Preset Speed: 540°/s	Pan Manual Speed: 0.1°- 400°/s, Pan Preset Speed: 540°/s
	Tilt Range	-5°-185°(Auto Mirror)	-5°-185°(Auto Mirror)
	Tilt Speed	Tilt Manual Speed: 0.1°-240°/s, Tilt Preset Speed: 400°/s	Tilt Manual Speed: 0.1°-240°/s, Tilt Preset Speed: 400°/s
	Proportional Zoom	Rotation speed can be adjusted automatically accor-ding to zoom multiples	Rotation speed can be adjusted automatically accor-ding to zoom multiples
	Number of Preset	256	256
	Patrol	8 patrols, up to 32 presets per patrol	8 patrols, up to 32 presets per patrol
	Pattern	4 patterns, with the recording time not less than 10 min per pattern	4 patterns, with the recording time not less than 10 min per pattern
	Power Loss Recovery	Support	Support
	Park Action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan
	PTZ Position Display	On / Off	On / Off
	Freeze Frame	Support	Support
Alarm	Alarm Input	2（7 alarm inputs optional）	2（7 alarm inputs optional）
	Alarm Output	2 relay outputs, alarm response actions configurable	2 relay outputs, alarm response actions configurable
	Alarm Actions	Preset, Patrol, Pattern, SD card recording, Relay output, Notification on Client	Preset, Patrol, Pattern, SD card recording, Relay output, Notification on Client
Input/ Output	Monitor Output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
	Audio Input	Audio input (LINE input), 2-2.4V[p-p]; output impe-dance: 1KΩ, ±10%	Audio input (LINE input), 2-2.4V[p-p]; output impe-dance: 1KΩ, ±10%
	Audio Output	Line level, impendance: 600Ω	Line level, impendance: 600Ω

Specifications

		SED-12205N-C18	SED-12105N-X36
Network	Ethernet	10Base-T / 100Base-TX, RJ45 connector	10Base-T / 100Base-TX, RJ45 connector
	Max.Image Resolution	PAL:704×576 NTSC:704×480	PAL:704×576 NTSC:704×480
	Frame Rate	PAL :25 fps (704×576) NTSC: 30 fps (704×480)	PAL :25 fps (704×576) NTSC: 30 fps (704×480)
	Image Compression	H.264	H.264
	Audio Compression	G.711 / 16kbps	G.711 / 16kbps
	Audio Mode	Off / Audio input / Audio output	Off / Audio input / Audio output
	Protocols	TCP/IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE (FTP, SMTP, NTP, SNMP optional)	TCP/IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE (FTP, SMTP, NTP, SNMP optional)
	No. of Simultaneous Users	Up to 6 users	Up to 6 users
	Dual Streams	Support	Support
	Mini SD Memory Card	Manual REC / Alarm REC. Built-in SD/SDHC Slot,up to 32GB	Manual REC / Alarm REC. Built-in SD/SDHC Slot,up to 32GB
	User/Host Level	3 Levels: Administrator, Camera control, Live view only	3 Levels: Administrator, Camera control, Live view only
	Security Measures	User authentication (ID and PW) Host authentication (MAC address)	User authentication (ID and PW) Host authentication (MAC address)
Client GUI	Camera Control	Pan / Tilt, Zoom, Focus, Click centering, Drag zoom, Iris, Preset position call and program, Auto mode	Pan / Tilt, Zoom, Focus, Click centering, Drag zoom, Iris, Preset position call and program, Auto mode
	OSD	Up to 18 characters	Up to 18 characters
	Date & Time Display	Time: Week: Date, 6 formats on the Client	Time: Week: Date, 6 formats on the Client
	Reading Patrol Message	Display and reading of preset message contained in each patrol via client software	Display and reading of preset message contained in each patrol via client software
General	RS-485 Protocols	Pelco-P, Pelco-D, self-adaptive	Pelco-P, Pelco-D, self-adaptive
	Power Supply	24VAC (12V DC optional)	24VAC (12V DC optional)
	Power Consumption	15W max	15W max(30W max with heater)
	Working Temperature / Humidity	-10℃-50℃(14℉-22℉) / 90% or less	-30℃-65℃(-22℉-149℉) / 90% or less
	Protection Level	-	IP66 standard
	Mounting	Various mounting modes optional	Various mounting modes optional
	Dimension	Φ245×240mm(Φ9.65”×9.45”)	Φ220×299.2mm (Φ8.66”×11.78”)
	Weight (approx.)	5Kg (11.02lbs)	5Kg (11.02lbs)

Specifications

		SED-12005N-C36	SED-12105N-CY36
Network	Ethernet	10Base-T / 100Base-TX, RJ45 connector	10Base-T / 100Base-TX, RJ45 connector
	Max.Image Resolution	PAL: 704 × 576 NTSC: 704 × 480	PAL: 704 × 576 NTSC: 704 × 480
	Frame Rate	PAL: 25 fps (704 × 576) NTSC: 30 fps (704 × 480)	PAL: 25 fps (704 × 576) NTSC: 30 fps (704 × 480)
	Image Compression	H.264	H.264
	Audio Compression	OggVorbis / 16 kbps	OggVorbis / 16 kbps
	Audio Mode	Off / Audio input / Audio output	Off / Audio input / Audio output
	Protocols	TCP/IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE (FTP, SMTP, NTP, SNMP optional)	TCP/IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE (FTP, SMTP, NTP, SNMP optional)
	No. of Simultaneous Users	Up to 6 users	Up to 6 users
	Dual Streams	Support	Support
	Mini SD Memory Card	Manual REC / Alarm REC. Built-in SD/SDHC Slot, up to 32 GB	Manual REC / Alarm REC. Built-in SD/SDHC Slot, up to 32 GB
	User/Host Level	3 Levels: Administrator, Camera control, Live view only	3 Levels: Administrator, Camera control, Live view only
	Security Measures	User authentication (ID and PW), Host authentication (MAC address)	User authentication (ID and PW), Host authentication (MAC address)
Client GUI	Camera Control	Pan / Tilt, Zoom, Focus, Click centering, Drag zoom, Iris, Preset position call and program, Auto mode	Pan / Tilt, Zoom, Focus, Click centering, Drag zoom, Iris, Preset position call and program, Auto mode
	OSD	Up to 18 characters	Up to 18 characters
	Date & Time Display	Time: Week: Date, 6 formats on the Client	Time: Week: Date, 6 formats on the Client
	Reading Patrol Message	Display and reading of preset message contained in each patrol via client software	Display and reading of preset message contained in each patrol via client software
General	RS-485 Protocols	Pelco-P, Pelco-D, self-adaptive	Pelco-P, Pelco-D, self-adaptive
	Power Supply	24 V AC (12 V DC optional)	24 V AC (12 V DC optional)
	Power Consumption	15W max	15W max (30W max with heater, outdoor dome)
	Working Temperature / Humidity	-10 ℃ - 50 ℃ (14 ℉ - 122 ℉) 90% or less	-30 ℃ - 65 ℃ (-22 ℉ - 149 ℉) 90% or less
	Protection Level	-	IP66 standard
	Mounting	Various mounting modes optional	Various mounting modes optional
	Dimension	Φ183.4 × 247 mm (Φ7.22” × 9.72”)	Φ220 × 299.2 mm
	Weight (approx.)	5 kg (11.02 lbs)	5 kg (11.02 lbs)

Specifications

		SED-12005N-C36	SED-12105N-CY36
		CCD 1/4’’ sensor. 3.4 - 122.4 mm Varifocal lens. 540/570 TVL Indoor	CCD 1/4’’ sensor. 3.4 - 122.4 mm Varifocal lens. 540/570 TVL Outdoor.
Camera	Image Sensor	1/4’’ Sony Super HAD CCD	1/4’’ Sony Super HAD CCD
	Effective Pixel	PAL: 752(H) × 582(V) NTSC: 768(H) × 494(V)	PAL: 752(H) × 582(V) NTSC: 768(H) × 494(V)
	Horizontal Resolution	Color: 540 TVL B/W: 570 TVL	Color: 540 TVL B/W: 570 TVL
	Signal System	PAL / NTSC	PAL / NTSC
	Min. Illumination	Color: 0.2 Lux @ F1.4 B/W: 0.02 Lux @ F1.4	Color: 0.2 Lux @ F1.4 B/W: 0.02 Lux @ F1.4
	White Balance	Auto / Manual / ATW / Indoor / Outdoor	Auto / Manual / ATW / Indoor / Outdoor
	AGC	Auto / Manual	Auto / Manual
	S/N Ratio	≥ 50 dB	≥ 50 dB
	BLC	On / Off	On / Off
	Shutter Time	PAL: 1/50 - 1/10,000s NTSC: 1/60 - 1/10,000s	PAL: 1/50 - 1/10,000s NTSC: 1/60 - 1/10,000s
	Day & Night	IR Cut Filter	IR Cut Filter
	Digital Zoom	-	-
	Focus Model	Auto / Semiautomatic / Manual	Auto / Semiautomatic / Manual
Lens	Focal Length	3.4 - 122.4 mm, 36X	3.4 - 122.4 mm, 36X
	Zoom Speed	Approx. 5.4 s (Optical Wide-Tele)	Approx. 5.4 s (Optical Wide-Tele)
	Angle of View	57.8°- 1.7°(Wide-Tele)	57.8°- 1.7°(Wide-Tele)
	Min. Working Distance	10 - 1,000 mm (Wide-Tele)	10 - 1,000 mm (Wide-Tele)
	Aperture Range	F1.6 - F4.5	F1.6 - F4.5
Pan and Tilt	Pan Range	360°endless	360°endless
	Pan Speed	Pan Manual Speed: 0.1°- 300°/s, Pan Preset Speed: 540°/s	Pan Manual Speed: 0.1°- 300°/s, Pan Preset Speed: 540°/s
	Tilt Range	-5°- 185°(Auto Mirror)	-5°- 185°(Auto Mirror)
	Tilt Speed	Tilt Manual Speed: 0.1°- 240°/s, Tilt Preset Speed: 400°/s	Tilt Manual Speed: 0.1°- 240°/s, Tilt Preset Speed: 400°/s
	Proportional Zoom	Rotation speed can be adjusted automatically accor-ding to zoom multiples	Rotation speed can be adjusted automatically accor-ding to zoom multiples
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	Park Action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan
	PTZ Position Display	On / Off	On / Off
	Freeze Frame	Support	Support
Alarm	Alarm Input	7	7
	Alarm Output	2 relay outputs, alarm response actions configurable	2 relay outputs, alarm response actions configurable
	Alarm Actions	Preset, Patrol, Pattern, SD card recording, Relay output, Notification on Client	Preset, Patrol, Pattern, SD card recording, Relay output, Notification on Client
Input/ Output	Monitor Output	1.0 V [p-p] / 75 Ω, NTSC (or PAL) composite, BNC	1.0 V [p-p] / 75 Ω, NTSC (or PAL) composite, BNC
	Audio Input	Audio input (LINE input), 2-2.4 V [p-p]; output impe-dance: 1 KΩ, ±10%	Audio input (LINE input), 2-2.4 V [p-p]; output impe-dance: 1 KΩ, ±10%
	Audio Output	Line level, impendance: 600 Ω	Line level, impendance: 600 Ω