

## 36X D/N WDR 720TVL Speed Dome Camera (Outdoor)

### Ai-SD85

#### 36X D/N WDR 720TVL Speed Dome Camera (Outdoor)

- 36x Optical Zoom Lens(3.3~119mm)
- 256x Digital Zoom
- 720 Horizontal TV Lines
- Wide Dynamic Range
- 2D+3D Digital Noise Reduction
- High Light Compensation
- Digital Image Stabilizer
- Dynamatic Privacy Zone Mask
- Up to 128 Programmable Preset Positions
- Up to 256 Speed Dome Camera Configuration
- Weatherproof IP 67

Ai-SD85



Outdoor Speed Dome Camera

Outdoor Speed Dome Camera			
General	Name	36X D/N WDR 720TVL Speed Dome	
	Model	Camera Ai-SD85	
	System	NTSC	PAL
	Power Supply	AC100~240V	AC100~240V
	Power Consumption	63W (with Heater)	63W (with Heater)
	Image Pick-up Device	1/4" Sony Exview HAD II, Effio P 960H	
	Effective Pixels	976(H) x 494(V)	976(H) x 582(V)
	Total number of pixel	1028(H) x 508(V)	1028(H) x 596(V)
	Scanning System	2:1 Interlace	
	Scanning Frequency	15.734KHz(H) / 60Hz(V)	15.625KHz(H) / 50Hz(V)
	Synchronization	Internal / Line Lock Selectable	
	Video Output	CVBS 1.0 Vp-p / 75 Ω BNC	
	Horizontal Resolution	Color : 720 TV Lines	
	Signal to Noise Ratio	More Than 50 dB ( AGC : Off )	
	Minimum Illumination	Color : 0.03Lux at F1.4 , Mono : 0.01 Lux at F1.4	
	IP Rating	IP67	
	Ambient Operation Temperature	- 65°C ~ + 65°C	
	Operating Humidity	0% ~ 90%	
	Dimensions	Φ 210 mm x 332 mm	
	Weight	3200 g	
Heater Activation	On: 15°C, Off: 25°C		
Fan Activation	On: 35°C, Off: 25°C		
Pan & Tilt	Panning Range	360° Endless	
	Panning Mode	Manual , Auto , Manual Position , Sequential Position	
	Panning Speed	Manual Approx. 0.15°/s ~ 120°/s 8 Steps, Preset Approx. 1°/s ~ 255°/s, Alarm Trigger Speed 360°/s	
	Tilting Range	- 6° ~ + 96°	
	Tilting Mode	Manual , Auto , Manual Position , Sequential Position	
	Tilting Speed	Manual Approx. 0.15°/s ~ 120°/s 8 Steps, / Preset Approx. 1°/s ~ 255°/s, Alarm Trigger Speed 360°/s	
LENS	Zoom Ratio	36X Optical Zoom	
	Focal Length	3.3 mm ~ 119 mm	
	Minimum Aperture Ratio	1 : 1.6 (Wide) ~ 3.8 (Tele)	
	Minimum Object Distance	1.5 m (Tele)	
	Iris Range	F1.6 ~ 360 , Close	
	Angle Field of View	Wide : 69.52° ( D ) 58.2° ( H ) 45.3° ( V ) / Tele : 2.20° ( D ) 1.72° ( H ) 1.38° ( V )	

### Outdoor Speed Dome Camera

Main Functions	Control Interface	RS-485 Transmission		
	Protocol	PELCO-D / PELCO-P / Panasonic / Kalatel		
	Control Function	Pan and Tilt / Zoom and Focus / Iris and ICR / 128 Preset Position / Home Position / Patrol		
	Character Display	On / Off ( Preset ID : 16 Alphanumeric Characters , Zoom Ratio , Alarm Message , Date / Time , Pan / Tilt Angle )		
	Password Lock	Function Setup		
	Digital Zoom Ratio	256X		
	Zoom Speed	Slow / MID. / Fast Selectable [ Fast : Approx. 5.0 Second ( Tele to Wide ) in Manual Mode ]		
	Focus Speed	Slow / MID. / Fast Selectable [ Fast : Approx. 5.0 Second ( Far to Near ) in Manual Mode ]		
	Auto Focus	Auto / One Push		
	Iris	ALC ( Adjustable Output Target Level ) / Manual		
	Day & Night	Day / Night / Auto / Schedule		
	Electronic Image Stabilizer	Off / On		
	Electronic Shutter Speed	1/60 to 1/100,000	1/50 to 1/100,000	
	Slow Shutter Speed	Up to 15 field		
	Exposure Mode	Auto / Manual		
	Wide Dynamic Range	Off / On ( 60 dB )		
	ATR ( Adaptive tone reproduction )	Off / On ( Low / Midle / High )		
	BLC ( Back Light Compensation )	Off / On		
	HLC ( High Light Compensation )	Off / On / Auto		
	Sharpness	Adjustable		
	White Balance	ATW / AWC / Manual (1800K ~10500K)		
	Auto Gain Control	OFF / Low / Middle / High		
	2D+3D Digital Noise Reduction	OFF / Low / Middle / High		
	Auto Mode	OFF / AUTO / SEQ / TOUR / PATROL ( STOP / PLAY / LEARN )		
	Privacy Zone	Off / On Selectable ( Up to 8 Zones Settings)		
	Digital Effect	OFF / V-Flip / Mirror / Rotate		
Alarm Input / Output	6 Input [ Alarm In 1 ~ 6 ( NC / NO ) (TTL 5Vdc)], 1 Output ( Alarm Out NC / NO ) (0.5A 120Vac,1A 24Vac)			
Schedule Setting	Alarm Input / Auto Mode / Daylight Saving Time			