



Creativity Progress & Excellence

Analog Product





ST8364 / ST8368

36X D/N WDR 650TVL Auto Tracking Speed Dome Camera (Outdoor)



Features

- 36X Optical Zoom Lens(3.3~119mm)
- 256X Digital Zoom
- 650 Horizontal TV Lines
- Wide Dynamic Range
- 2D+3D Digital Noise Reduction
- High Light Compensation
- Digital Image Stabilizer
- Dynamic Privacy Zone Mask
- Up to 128 Programmable Preset Positions
- Up to 256 Speed Dome Camera Configuration
- Auto Tracking
- Weatherproof IP 66

Dimensions Φ 210 mm x 332 mm



Outdoor Speed Dome Camera

Name		36X D/N WDR 650TVL Auto Tracking Speed Dome Camera				
Model		ST8364N	ST8368N	ST8364P	ST8368P	
System		NTSC PAL				
Power Supply		AC24V	AC100~240V	AC24V	AC100~240V	
Power Consumption		25W (with Heater)	63W (with Heater)	25W (with Heater)	63W (with Heater)	
Image Pick-up Device		Sony 1/4" 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)		
General	Synchronization		Internal / Line Lock Selectable			
	Video Output		CVBS 1.0 Vp-p / 75 Ω BNC			
	Horizontal Resolution		Color : 650 TV Lines , Mono : 700 TV Lines			
	Signal to Noise Ratio		More Than 50 dB (AGC : Off)			
	Minimum Illumination		Color : 0.1 Lux at F1.4 , Mono : 0.05 Lux at F1.4			
	IP Rating		IP66			
	Ambient Operation Temperature		- 35°C ~ + 50°C (-31°F ~ 122°F)			
	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				
LENS	Tilting Speed		Manual Approx. 0.15°/s ~ 120°/s 8 Steps, Preset Approx. 1°/s ~ 255°/s, Alarm Trigger Speed 360°/s			
	Zoom Ratio		36X Optical Zoom			
	Focal Length		3.3 mm ~ 119 mm			
	Minimum Aperture Ratio		1 : 1.4 (Wide) ~ 4.2 (Tele)			
	Minimum Object Distance		1.5 m (Tele)			
	Iris Range		F1.4 ~ 360 , Close			
Angle Field of View		Wide : 69.52° (D) 58.00° (H) 45.30° (V) / Tele : 2.20° (D) 1.72° (H) 1.38° (V)				

Indoor Speed Dome Camera

Main Functions	Control Interface	RS-485 Transmission	
	Protocol	LILIN (MLP1,MLP2) / 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. 7.0 Second (Tele to Wide) in Manual Mode]	
	Focus Speed	Slow / MID. / Fast Selectable [Fast : Approx. 7.0 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 / Middle / 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) / TRACKING	
	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)] , 1 Output (Alarm Out NC / NO)	
	Schedule Setting	Alarm Input / Auto Mode / Daylight Saving Time	