



Creativity Progress & Excellence

Analog Product





SP8364 / SP8368

Speed Dome Series

36X D/N WDR 650TVL 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
- Weatherproof IP 66



Dimensions Φ 210 mm x 332 mm



Outdoor Speed Dome Camera

Outdoor Speed Dome Camera	
Name	36X D/N WDR 650TVL Speed Dome Camera
Model	SP8364N SP8368N SP8364P SP8368P
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)
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
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
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

Indoor Speed Dome Camera	
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)
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