

312X, high speed PTZ vandal proof speed dome camera



- 1/4" Sony CCD
- 26X (f = 3.5 ~ 91 mm) zoom dome camera (digital 12X)
- 360° continuous pan, 92° tilt
- Pan speed: 430°/sec; tilt speed: 200°/sec
- Super fine pan: 0.02° accuracy preset
- 560 TV lines
- Minimum illumination: Normal mode: 1 lx (F1.4, 1/60 (1/50) sec 50 IRE); Slow shutter mode : 0.07 lx (F1.6, 1/4 (1/3) sec ICR off, 50 IRE); Night mode: 0.15 lx (F1.6, 1/60 (1/50) sec ICR off, 50 IRE); Slow shutter mode: 0.01 lx (F1.6, 1/4 (1/3) sec ICR on, 50 IRE)
- 4 pattern tours memorizing up to 6 mins of manual control
- 24 of 3D privacy zones masking function
- Remote control using RS485 standard with multi-protocols
- Shutter speed: 16 steps from 1/50 to 1/10,000 sec
- Flickerless function
- Alarm: 6-input and 1-output terminals
- OSD function
- 256 presets
- Vandal proof 750 kg (1653 lb)
- Water proof: IP67

Specification

Signal system	NTSC	PAL
Image system		
Imaging area	3.6 mm x 2.7 mm	
Image pickup device	1/4" SuperHAD SONY CCD	
Effective pixels (H x V)	768 x 494	752 x 582
Electric		
Scanning system	2:1 Interlace	2:1 Interlace
	V: 59.94 Hz, H: 15.734 kHz	V: 50 Hz, H: 15.625 kHz
Sync system	Internal / Linelock	
Horizontal resolution	560 TV lines (Day/Night mode)	
Lens mount	-	
Gamma correction	0.45/1.0 selectable	
Minimum illumination	Normal mode: 1 lx (F1.6, 1/60 (1/50) sec) ICR off; slow shutter mode: 0.07 lx (F1.6, 1/4 (1/3) sec) ICR off; Night mode: 0.15 lx (F1.6, 1/60 (1/50) sec) ICR on; slow shutter mode: 0.01 lx (F1.6, 1/4 (1/3) sec) ICR on	
S/N ratio	50 dB (AGC off)	
Iris control	-	
Gain control	Auto	
White balance	Auto/ATW/indoor/outdoor/one push/manual	
Electric shutter	Auto 1/60 (1/50) to 1/100,000 sec 22 steps	
BLC	On/Off	
Flickerless	Yes	
Day/Night	Auto/manual	
Video output	1 Vpp composite output, 75 ohm	
DNR	Yes	
OSD	Yes	
Slow shutter	On/Off	
Privacy zone	On/Off, up to 24 zones (3D privacy zone)	
Remote control	Messa P/D, Pelco P/D GE, Bosch, Ernitec	
Special commands	Support absolute (X, Y, Z) position	
Interface	RS485 (2-wire)	
Baud rate	2,400, 4,800, 9,600, 19,200 bit/sec (dip switch selectable)	
Mirror image	Yes	
AE control	Auto/manual/priority mode/bright/EV compression/backlight comprehension	
Alarm function	Yes	

Pan range	360° continuous		
Tilt range	92°		
Manual pan speed	0.1 ~ 90°/sec; 0.1°/sec: max. dig. zoom; 0.4°/sec: max. opt. zoom		
Manual pan speed (turbo)	150°/sec		
Manual tilt speed	0.1 ~ 45°/sec; 0.1°/sec : max. dig. zoom; 0.4°/sec: max. opt. zoom		
Preset speed	Pan: 430°/sec (max.); tilt: 200°/sec (max.)		
Proportional P/T	Provided		
Pan/tilt limit	User definable		
Auto flip	On/Off		
Zoom limit	Up to 312 (optical 26X, digital 12X)		
Programmable preset	256 points		
Programmable tours	4 pattern tours monitoring up to 6 mins of manual control		
Scan function	Random, frame and auto-scan selectable		
Alarm	6 inputs/1 output		
Preset titles	Max. 20 characters		
Password protection	Alphanumeric dome OSD setup protection		
Other superior function	Super fine pan for 0.02° accuracy/ motion detection/scheduling		
Wide dynamic	Yes		
Power supply			
Power requirement	AC 24 V ± 10 %		
Power consumption	46 W (max.)		
Environment			
Operating temperature	-40 °C ~ 60 °C		
Operating humidity	20 % ~ 80 % RH (max.)		
Storage temperature	-20 °C ~ 60 °C		
Mechanism			
Dimensions (W x H x D)	216.6 mm x 216.6 mm x 324 mm		
Weight	3500 g approx.		
Protection class	IP67 (with heater and blower)		
Vandal proof	750 kg (1653 lb) impact resistance		
Ordering information	CSS122-NLUS	CSS122-PLU	CSS122-PLUK

- Speed Dome
- Color
- 1/4" CCD
- 560 TV lines
- ICR Day/Night
- IP67
- OSD
- Motion Detection
- 312X Zoom
- 3 Axis Rotation
- WDR
- Vandal Proof
- Remote Control
- DNR
- Alarm
- Private Mask