

EyeCom SD Series ... 26x. IP-66 . 360° +180° . Fan & Heater

Feature List

- IP-66 weather- resistant housing for outdoor
- Sony Super-HAD CCD; 500 TV Lines High resolution
- 26x Optical Zoom + 10 x digital zoom
- Pan 360°(continuous); Tilt 180° (by auto-rotation)
- Maximum speed up to 240°
- Slow shutter (frame integration) for low-light
- Pelco™ D/P compatible, work with Ameba keyboard / DVR
- 255 camera ID
- Multiple scan mode -- line, group and all
- 3 alarm-in + one alarm-out
- Pendant and wall + corner and pole mounting brackets



Feature

IP-66 . Indoor and Outdoor

Although the SD series is built with a double layer housing, this PTZ camera is a terrific piece for both of indoor and outdoor surveillance --- not only because of the housing, which has fan and heater for crucial outdoor environment, but also the rich functions provided by it for different environmental requirements for indoor and outdoor.

The housing is supported by corner and pole mount brackets (see illustration in next page).

High Speed. 360° + 180°

The moving speed of SD series is ranged from 0.5 to 240°/ sec, but the actual running speed will be subject to users' manipulation through controller (such as keyboard, DVR or video server) or some preset functions.

The SD series may rotate continuously in the horizontal direction, either clockwise or counter-clockwise. For vertical direction, it moves 90° as the mechanical limit but the software will rotate camera automatically in horizontal direction when hitting the vertical edge, therefore may provide 180-degree view-range along to vertical axis...

The 360°+180° view ranges, plus the high speed, gives SD series the power to grab target in short time.

Auto-Run. Line-Scan

SD series has internal memory for 64 presets (including zoom and focus) for surveillance, and 255 numbers for camera ID

Presets are programmable for auto-run or line-scan. The first 16 of total 64 presets is automatically and equally partitioned into 4 groups for making surveillance to different positions or routes in different time periods (example: day, night or holiday). Panning between two specific points, in alternative name of line-scan, is also available in this PTZ.

During the event time, auto-run will be activated automatically to observe the areas that are pre-defined for monitoring.

26x Optical Zoom

SD-426 provides 26x optical and 10x digital zoom. Focal length ranges from 3.5 to 91mm, giving wide-enough observation scope of non-distorted image during surveillance, and also the ability of catching specific target in size and detail with its fast moving zoom and focus functions.

The self-calibrating function that is built in the camera will re-align the SD series periodically and automatically, ensuring the PTZ camera will run smoothly and correctly during its journey of work.

High Resolution. Day-n-Night

SD series PTZ camera uses Sony Super-HAD CCD and provides 500-line high resolution image in detail and vivid color.

To view scene in dark, the slow shutter, an user-optional and adjustable function available in OSD menu, will do great help on obtaining bright-enough image by integrating 2 or more frames for forming one picture.

The DSS function will be automatically disengaged to turn camera back to normal exposure method when ambient light becomes sufficient.

Low Noise

The SD series camera has high signal-to-noise ratio over than 48dB, allowing the camera to deliver clear image.

Video noise appeared in low-light is the primary killer to DVR performance, in terms of recorded image quality and HDD space.

The low-noise image provided by SD series not only makes great improvement on image clarity but also saves DVR's recording space and data volume for network streaming, so that the overall efficiency and dependability of surveillance system will be significantly increased.



function		SD-426	
Image sensor	type	1/4-inch, Sony Super HAD	
	pixel	NTSC / PAL 410K / 470K	
	scanning	lines / fields 525 / 60 (NTSC), 625 / 50 (PAL)	
	Electronic shutter	1/60 (50) ~ 1/120,000	
video	resolution	500 lines	
	S/N ratio	> 48 dB	
	output level	1.0 Vp-p (75 ohms)	
optics and lens	zoom (optical / digital)	26x / 10x	
	iris	wide / tele F1.6 ~ 3.8	
	focal-length	wide / tele f 3.5 ~ 91 mm	
	Minimum luminance F 1.6	Color mode	1.5 lux
		Black / white mode	0.1 lux
		Slow shutter	0.05 lux (sense-up x 36)
	zoom	manual	
	focus	fully-auto / manual / zoom-tracking	
	iris	auto / manual	
	slow shutter / frame integration	6x, 12x, 16x, 18x, 22x, 24x, 30x, 36x	
White balance	auto (ATW or AWB)		
pan & tilt	pan range	360° continuous	
	tilt range	0 ~ 90°+ auto-rotation (view range: 180°)	
	Speed (/ sec)	Horizontal – manual	0.5 ~ 240 °
		Vertical - manual	0.5 ~ 240 °
		Call preset	240 °
	dwll	second	1 to 255
	preset		64
	auto-run		all, group, line (2-spots)
auto-pan speed	horizontal	2, 6, 12, 30, 60, 120 ° / second	
	vertical	2, 6, 12, 30, 60, 120 ° / second	
connectivity	Video	BNC	
	Power	Terminal Block	
	RS485	Terminal Block	
	Alarm I/O	Terminal Block (input x 3 / output x 1)	
communication	protocol	Pelco D, Pelco P	
	format	RS485	
	baud rate	2400, 4800, 9600	
	camera ID	255	
measurement	diameter x height	mm 150φx 262 mm	
	weight	g 4000	
power	voltage	V DC 12V	
	Consumption	watts 18 W	
environment	water-resistant	IP-66	
	temperature	operation	-20°C ~ 55°C
		storage	0°C ~ 60°C
	humidity	operation	85% RH
storage		85% RH	



MOUNTING BRACKET			CONTROLLER
 SD-WB10 Wall Mount Bracket	 SD-PB10 Pendant/Ceiling Bracket	 SD-EPP3 Extension Poles (3pcs Set, 1' ea.)	KB-1003 3-Axis Joystick Multiple Protocols User-Friendly
 SD-CB20 Corner Bracket Outward	 SD-CB21 Corner Bracket Inward	 SD-PB20 Pole Mount Bracket	KB-1004 3-Axis Joystick 3.5" LCD Monitor BNC Video Input Multiple Protocols RJ45 & RS485

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