

GKB Z180 Analog Camera

High Speed Dome Camera with 18X Optical Zoom Lens

GKB Z180 is a high performance analog high speed dome camera targeting professional or tender-based installation requiring highly precise and durable PTZ devices. GKB Z180 is the world best low-noise high speed dome camera that has the lowest mechanical vibration to ensure its stability and durability.

Features:

- **1/4" Sony Exview zoom module**

Equipped with 1/4" Sony Exview zoom module, GKB Z180 provides excellent sensitivity and quick auto-focus speed, the camera can always stay in focus even while high speed Pan & Tilt operation.

- **High Speed Pan & Tilt**

Manual tilt speed is from 0.5° to 45° per second, maximum preset tilt speed is 200° per second; manual pan speed is from 0.5° to 150° per second, maximum preset pan speed is 300° per second.

- **Power Misconnection Protection**

GKB Z180 has a patented protection function to prevent the RS-485 communication terminal from being burned by falsely connected to the power source.

- **0.024° Dome System Accuracy**

By adopting 1/8 micro step motor and unique twin gear system, GKB Z180 performs excellent sensitivity and precise controlling on tour mode with 0.024° technical accuracy.

- **Low-Noise-Sound Technology**

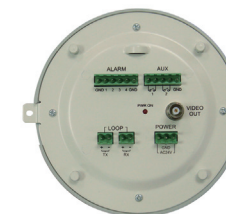
Equipped with silent and smooth timing belt and special gear system, low-noise-sound technology enhances the stability and durability by reducing the mechanical vibration.

- **Various Surveillance Functions**

GKB Z180 supports Auto Scan, 8 Group Tour, 165 Preset Points, 8 Patterns, 8 sectors, 24 Privacy Masking Zones, 4 Alarm Input and 2 Relay Out.



Alternate Views



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Video	Image Sensor	1/4" Sony Exview HAD CCD
	Total Number of Pixels	NTSC: 811(H) * 508(V) 410K / PAL: 795(H) * 596(V) 470K
	Number of Effective Pixels	NTSC: 768(H) * 494(V) 380K / PAL: 752(H) * 582(V) 440K
	Resolution	550 TV Lines
	Lens	18X Optical Zoom(F=1.4~3.0, f=4.1~73.8mm) 12X Digital Zoom (216X with Optical)
	Day & Night (ICR)	Auto/Day/Night
	Min. Shooting Distance	0.35m (Wide)/0.8m (Tele)
	Digital Slow Shutter	ON-OFF
	Min. Illumination	Normal Mode: 0.7 Lux (50 IRE) / Night Mode: 0.01 Lux (ICR On)
	Luminance S/N Ratio	>50 dB
	Video Output	VBS: 1.0Vpp (sync negative), Y/C Output
	BLC	ON-OFF
	Flickerless	NTSC:ON/OFF (1/100) ; PAL:ON/OFF (1/120)
	White Balance	AWB/ATW/Indoor/Outdoor
Pan/Tilt	Pan Angle / Speed	360° Endless / Manual: 100°~200°/sec (64 Step) ; Preset: Max 350°/sec
	Tilt Angle/ Speed	0°~90° / Manual:100°~200°/sec ; Preset: Max 250°/sec
	System Accuracy	0.024°
Function	Presets	165 positions (each position with different speed steps)
	Group Tour	Max. 8 group tours (each one has up to 60 presets positions)
	Auto Scan	Programmable Auto scan
	Pattern	8 Programmable Patterns (total 480 seconds)
	Privacy Zone	24 privacy masking zones
	Sector	8 selectable Sectors with 16 characters
	Password Protection	Yes
	Alarm Input	4 alarms(with various programmable states)
	Alarm Actions	Activate preset, Group scanning or output per alarm input
	Aux Output	2 Replay Output
	Auto Flip	ON / OFF
	Communication	RS-485
	Protocol	Built in Pelco-D, Pelco-P, Maxpro
Power Consumption / Supply	18W Max / 18~32VAC 60/50Hz 850mA	
Dimensions / Weight	192(H) * 147(Ø) mm / 1.9 kg	
Motor Type	Stepper Motor (1/8 Micro Step)	
Operating Temperature	-10°C~50°C (14°F~122°F)	

Dimensions

