

## GKB Diplomat™ DZ180 IP Camera

Self-Networking High Speed Dome IP Camera with 18X Optic Zoom Lens

GKB Diplomat™ DZ180 is a professional Speed Dome IP camera for use in outdoor areas and targeting large or tender-based installation projects requiring advanced network technologies. It is also the world's first professional network camera to feature automated self-networking for fast network set-up and installation.

### Features:

- **Automated Self-Networking**

GKB Diplomat™ DZ180 is a self-networking IP camera that eliminates the need for complicated and time-consuming router configuration. Bundled GKB Envoy™ software reduces network set-up to less than 30 seconds.

- **H.264 Video Compression**

GKB Diplomat™ DZ180 features H.264 video compression for superior video resolution. The low bit-rate of H.264 codec makes for smoother video streaming, even under the most unfavorable of network environments.

- **Pan / Tilt / Zoom**

GKB Diplomat™ DZ180 features 360° continuous Pan, speed up to 240° /s; 90° auto flip Tilt, speed up to 120° /s; and 18X optical Zoom.

- **RS-485**

GKB Diplomat™ DZ180 is equipped with RS-485 interface which provides communication to control box for more efficient operation.

- **Two Way Audio**

Microphone and speaker can be attached to GKB Diplomat™ DZ180I via audio input and output jacks, which build a two way addressing system.

- **Mini SD Card Storage**

GKB Diplomat™ DZ180 has a mini SD card slot which preserves video recording in this individual storage even though the network connection is cut.



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Video	Image Sensor	1/4" Sony SUPER HAD CCD		
	Number of Effective Pixels	NTSC:768 (H) x 494 (V) 380K PAL:752 (H) x 582 (V) 440K		
	Lens	18X Optical Zoom (F=1.4~3.0, f=4.1~73.8mm) 12X Digital Zoom		
	ICR (IR-Cut filter)	Yes		
	Min. Shooting Distance	0.29m (Wide)/0.8m (Tele)		
	Min. Illumination	Normal Mode: 0.7 Lux (50IRE) / Night Mode : 0.01 Lux ( ICR On)		
	Luminance S/N Ratio	50dB		
	Video Output	VBS: 1.0 Vp-p ( Sync Negative), Y/C Output		
	BLC	ON/OFF		
	Flickerless	<NTSC>ON/OFF (1/100) <PAL>ON/OFF (1/120)		
	White Balance	Auto		
	Pan/Tilt	Pan Rotation Angle	360° Endless	
		Pan Speed	Up to 240° /sec	
Tilt Rotation Angle		0° ~90°		
Tilt Speed		Up to 120° /sec		
Motor Type		Stepper Motor		
Micro Steps		1/8 Micro Step		
System Accuracy		Approx. 2°		
Functions	Presets	64		
	Tour	10		
	Password Protection	By NVR		
	Aux Output	No		
	Auto Flip	Yes		
	Communication Protocol	RS-485, RJ-45 Built in Pelco-D		
Audio	Two way audio			
Power	24W Max / 12V DC			
Ingress Protection Rating	IP66			
Storage	Micro SD Card up to 32GB (Enable Remote Site Playback)			
Dimensions / Weight	2.5 kg			
Operating Temperature	-10°C~60°C			
Networking	Protocol	HTTP, TCP, UDP, DNS, DHCP, PPPoE, Samba		
	Ethernet	10/100Mbps Fast Ethernet, RJ-45 Port		
Software	Operating System	Windows XP and above		
	Software Package	NVR-10: 64 Channel NVR	Viewer-11	
		NAS & SD Card Remote Playback Supported	Setup Software Utility	

Dimension (mm)

