

## GKB Diplomat™ D5102 IP Camera

Self-Networking IP Dome Camera with Infrared and Varifocal Lens

GKB Diplomat™ D5102 is a professional IP camera for using in indoor 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 setup and installation.

### Features:

- **Sony HQ-1 DSP**

GKB Diplomat™ D5102 features the Sony HQ-1 DSP chip which outputs all signals via the ITU-656 interface. Without analog-to-digital conversion, more image data is preserved, for impressive image quality.

- **H.264 Video Compression**

GKB Diplomat™ D5102 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.

- **3D Noise Reduction**

GKB Diplomat™ D5102 embedded with 3D Noise Reduction technology, produces clear image quality even under low light condition

- **Automated Self-Networking**

GKB Diplomat™ D5102 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.

- **Cloud Platform**

Cloud platform framework brings IP solution to a new level. The IP cameras are managed by account and password. The live image and playback can display anytime anywhere via the IE browser, without any extra software installed.

- **Micro-SD Card Storage**

GKB Diplomat™ D5102 is equipped with a Micro-SD card slot. The video is recorded locally in the Micro-SD card, and can be retrieved easily remotely by IE browser without taking out the Micro-SD card.



### Alternate Views



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Video	Image Sensor	1/3" Sony HQ-1 CCD		
	Video Compression	H.264		
	Video Streams	8		
	Number of Effective Pixels	NTSC: 768(H) * 494(V) / PAL: 752(H) * 582(V)		
	Resolution	QQVGA, QCIF, QVGA, CIF, VGA, D1		
	Frame Rate	Up to 30 fps in all resolution		
	Min. Illumination	0.3 Lux, 50 IRE F1.4 / 0.01Lux, 10 IRE, F1.4		
	Gamma	0.45		
	S/N Ratio	>48dB		
	Scanning System	Progressive Solution		
	Shutter Control	NTSC: 1/60~1/100,000 sec / PAL: 1/50~1/100,000 sec		
	BNC Video Output	Composite Video 1.0Vpp. 75ohm		
	Night Mode	Auto		
	Yes	3D Noise Reduction		
	ICR (IR-Cut Filter)	Optional		
	Auto Gain Control	Auto / Manual(by remote software)		
	Back Light Control	Auto / Manual(by remote software)		
	White Balance	ATW / Manual(by remote software)		
	Infrared LED	Quantity	35	
		Peak Wavelength	850nm	
Radiant Distance		25meters		
Power	Power Supply	12V DC		
	Power Consumption	7.5W		
Audio	Audio Streaming	2 way, GSM Encoder 13 kbits/s		
	Audio Input / Output	Audio in: Line Level Input DC 3V, 20Hz-4KHZ, 1 Vrms / Audio out: Line Level Output, Speaker 8 ohm 330mW		
Storage	Micro SD Card up to 32GB (Enable Remote Site Playback)			
Lens	2.9-10mm auto iris varifocal lens (standard); 9-22mm (optional)			
Dimension / Weight	135(H) * 150(Φ) mm / 0.695 Kg			
Mounting	Flush mounting & surface mounting			
Operating Temperature	-10℃ ~60℃			
Networking	Protocol	HTTP, TCP, UDP, DNS, DHCP, PPPoE, Samba, RTP, RTCP, RTSP		
	Ethernet	10/100Mps Fast Ethernet RJ-45 port		
Software	Operating System	Windows XP and above		
	Software Package	NVR-10: 64 Channel NVR NAS & SD Card Remote Playback Supported	Viewer-10 Setup Software Utility	

Dimension (mm)

