



Diplomat™

Making Security Easier.

GKB Diplomat™ D101 IP Video Server

Self-Networking Single-Channel IP Video Server-D1 at 30fps

GKB Diplomat™ D101 is a professional IP Video Server for converting an analog camera to IP functionality. Supporting group management with GKB Envoy™ software. Its compact design features, eight video streams, two way audio, digital I/O and RS-485 interface make the GKB Diplomat™ D101 ideal for upgrading older "legacy" CCTV installations.

Features:

- **H.264 Video Compression**

GKB Diplomat™ D101 features H.264 video compression for superior video resolution. The low bit-rate of the H.264 codec makes for smoother video streaming, even under the most unfavorable of network environments.

- **DI/DO & RS-485**

GKB Diplomat™ D101 is equipped with DI (digital input) / DO (digital output) ports which receive and send signals for alarm events. RS-485 interface provides communication to other devices, such as control keyboards and speed dome.

- **Micro-SD Card Storage**

GKB Diplomat™ D101 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.

- **Automated Self-Networking**

GKB Diplomat™ D101 is a self-networking video server 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 solutions 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.

- **PoE (Power over Ethernet)**

With PoE module, GKB Diplomat™ D101 can be powered by Ethernet port (RJ-45), without an additional power transformer.



Alternate Views



GKB Diplomat™ D101 Video Server

Video Output	Video Compression	H.264
	Video Streams	8
	Resolution	QQVGA, QCIF, QVGA, CIF, VGA, D1
	Frame Rate	Up to 30 fps in all resolution
	Video Interface	Analog Video BNC Input x1 Analog Video BNC Output x1
Audio	Audio Streaming	2 way
	Audio Input / Output	Audio in: Line Level Input DC 3V, 20Hz-4KHZ, 1 Vrms / Audio out: Line Level Output, Speaker 8 ohm 330mW
Power	Power Supply	12V DC
	Power Consumption	<4W
I/O Interface	Serial Interface	RS-485, Pelco D; Baud Rate 9600, D1
	DI/DO	DIx1, 12V~24V DC DOx1, 30V DC-1A or 125V AC-0.5A
Storage	Micro SD Card up to 32GB (Enable Remote Site Playback)	
Button	Reset Button x1 for Factory Default Settings	
	REC ON/OFF Button to Start /Stop Recording	
Dimension	121.4 (L) *101.5 (W)*32.5 (H)mm	
Weight	400g	
Operating Temperature	0°C ~ 70°C	

Networking	Protocol	HTTP,TCP,UDP,DNS,DHCP,PPPoE, Samba,RTP,RTCP,RTSP	
	Ethernet	10/100Mbps Fast Ethernet RJ-45 port	
	PoE	Optional	
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

Dimensions (mm)

