

## GKB R1607A D1 Real Time Digital Video Recorder

16-Channel D1 H.264 Digital Video Recorder with POS & GPS support

GKB R1607A is a standalone digital video recorder (DVR) which build-in HDMI & VGA for use in residential and retail surveillance installations. Live stream video provides high quality real time images. The DVR supports up to 3TB/HDD, for extended recording time. POS support makes this DVR ideal for retail and hospitality applications.

### Features:

- **H.264 High Video Compression**

GKB R1607A features advanced H.264 video compression for superior video resolution. The main profile high compression ratio of H.264 consumes less HDD space than baseline profile of H.264 video.

- **3D De-interlace**

Live stream video is enhanced by the 3D De-interlace function, providing high quality images.

- **3G/GPRS Mobile Phone Surveillance**

GKB R1607A provides remote surveillance with 3G/GPRS mobile phone or PDA phone, without additional software.

- **Recording Capabilities**

Full-D1: up to 240/200IPS, Half-D1: up to 480/400IPS, CIF: up to 480/400IPS

- **Full D1 Resolution**

GKB R1607A provides full D1 resolution for record or playback. This provides the user with a wide choice of image quality. Real time live display also available for all cameras.

- **Hyper Interactive E-Map**

GKB R1607A features a Hyper E-map function, allowing users to customize E-map and E-map objects to fulfill customized needs. It provides multi-task managerial functions through unlimited E-map layers.

- **Smart Detection Zone Search**

GKB R1607A allows users to specify a certain region of the camera video. If any event that is recorded is found with motion in this region, the event will be listed. This helps locate events of interest very efficiently.



### Alternate Views



# GKB R1607A Digital Video Recorder w/ Build-In HDMI/VGA

System	System	Embedded Linux 3.0
	Mode	Multiplex – Live, Record, Network, Backup, Remote access, Control, Play back
	Video Channel	16
	Video Output	BNC x 1,VGA x 1, HDMI x 1
	Audio	2 RCA Input / 1 RCA Output
	Alarm Input	8 Input
	Alarm Output	1 Output
Video	Compression	H.264 Main Profile , Audio: ADPCM
	Display Resolution	NTSC:720x480 PAL:720x576
	Record	NTSC:240fps/D1, 480fps/Half D1, 480fps/CIF PAL: 200fps/D1, 400fps/Half D1, 400fps/CIF
	Recording Mode	continual Schedule/Motion/Alarm/manual
	Pre-Record Time	0~ 10 Seconds
	Post- Record Time	0 ~ 60 minutes
	Display Division	1,4,7,9,10,13,16 Sequential
	Playback Mode	Smart Search, Date/time, Camera ,Alarm, Motion, Video Loss
	Digital Zoom	2x ,4x
	Network	Network Interface
Software		CMS, IE Browser
Protocol		TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP,TSP
Audio		Bidirectional
Remote User		6 Max
Management		10 DVRs
Operation Interface		Mouse / Key Pad / Remote Controller (included)
Control/ Management	PTZ / e-MAP/ GPS system / POS	Yes ( POS needs RS-485 to RS-232 converter, not included)
	RS-485 / RS-232	Yes
	Internal Storage	3.5" SATA HDD x 1 , >3TB Advanced format HDD supported Failure detection supported Privacy law supported
Storage/Backup	HDD Extension	1 e-SATA
	USB	1 USB port support DVD+RW, DVD+R, DVD-R, Card readers, HDD.1 USB port for mouse Self playback for backup files
Power	DC 12V	Power Consumption : 36W Max
	0°C ~ +45°C (Operation)	
Temperature	0°C ~ +40°C	

## Dimensions

