# GRH-K1004A
## 4 Channel H.264 GDI Recorder with DVD-RW Drive



- 4 Channel FullHD 60fps recording capability (120fps live)
- supports up to 64TB with GDS-R04A or up to 16TB intern or eSATA
- Search by time, calendar, event or thumbnails
- USB2.0 Interface / eSATA Interface / Built in DVD-RW drive
- Compatible with Grundig CCTV Software
- Compatible to French law of August 2007 for quality in CCTV applications
- Compatible with many mobile applications such as iPhone®, Blackberry®, Android® and Windows Mobile®
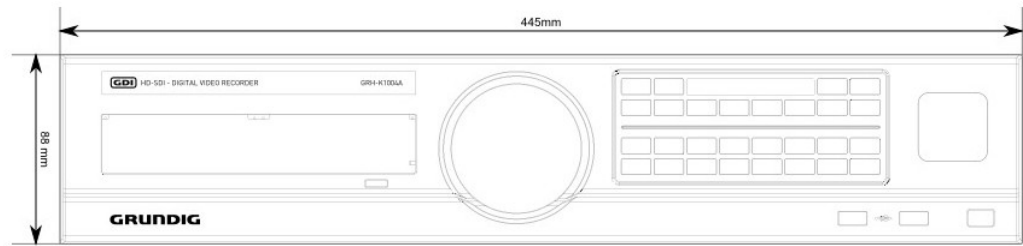
## SUMMARY

Based on the Television Standard for FullHD Television, GRUNDIG DIGITAL IMAGE (GDI) products feature up 2 Megapixel (1920x1080) pictures in real-time (30fps) transmitted over coax cabling.
Get the advantages of IP technology without their drawbacks. Get 16:9 megapixel pictures without network configuration, bandwidth problems and network security risks. Use existing coax cables and only exchange the cameras and recorders. Get a "real" live picture and see the things that happen in the now, not a few seconds ago. Connect a monitor directly to a camera using only a GDI-to-HDMI converter.
GDI is easy to handle, easy to install and produces amazing high quality pictures.

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## SPECIFICATIONS

| | |
|---|---|
| Operating System | Embedded OS |
| Video Inputs | 4 CH HD-SDI, BNC |
| Video Outputs | 1 VGA, 1 HDMI |
| Storage Max. Expansion | 16TB (intern or eSATA), 64 TB (GDS-R04A) |
| Video Compression | H.264, JPEG |
| Recording Resolution | FullHD (1920x1080), HD(1280x720) |
| Recording Speed | 60fps (FullHD), 120fps (HD) |
| Recording Mode | Continuous, Event Alarm, Motion, Video Loss, Schedule, Manual |
| Display Resolution | max. 1920 x 1080 |
| Display Speed | 120 fps |
| Internal Backup | Built in DVD-RW drive |
| External Backup | USB HDD, USB Memory, DVD-R, Network, eSATA |
| Search Mode | Date/Time, Event Alarm, Motion, Video Loss, Go First, Go Last, Search Backup |
| Motion Detection | On/ Off/ Area Setting |
| Event Source | Motion, Alarm, Text, Video Loss, System |
| Event Action | Pop-Up, Relay, E-Mail, FTP, Network, Buzzer, PTZ Preset |
| Audio Inputs | 4 CH, RCA |
| Audio Outputs | 1 CH, RCA |
| Alarm Inputs | 4 contact input N/O or N/C |
| Alarm Outputs | 4 Relay |
| Compliant | SMPTE-292/296M |
| Interfaces | 2 port RS485, 1 port RS232, System Keyboard, 1 NAS, 1 Ethernet and 2 USB 2.0 ports |
| ATM/POS | Supports up to 16 ATM/POS with VSI-Pro Hydra Modules |
| Video Streaming | Versatile Triple Streaming (Dual H.264 + single JPEG) |
| Network | Ethernet, 10/100 Base-T for PC client, 1000 Base-T for storage, ADSL Static IP, ADSL Dynamic IP(PPPoE),Cable Network (Dynamic IP) |
| Client software | Windows (XP, Vista, 7), Web Viewer: IE, Firefox, Safari, Chrome; Mobile: iPhone (OS4), Blackberry, Android, Windows Mobile, Symbian |
| Time Setting | Setting by NTP Server local or internet |
| Multiplex Function | Pentaplex |
| Auto Switching | 0, 3, 5, 10, 20, 30 sec, Event or manual |
| Supply Voltage | 110 ~ 240 VAC/50Hz |
| Power Consumption | 75 W |
| Weight | 8.9 kg |
| Dimensions w*h*d | 445 x 88 x 418 mm |

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## DIMENSIONS



## ACCESSORIES

**GDS-R04A**
External Storage

**GSW-CMS**
DVR Management Software

**GTH-K0011E**
1Ch Repeater & 2 Ch Distributor

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