

# GRA-D4416B

## 16-Ch Standalone DVR 960H H.264



- 16 Channel video 960H Real-Time recording capability
- USB, Remote & FTP Backup function
- 1 self-adaptive 10/100/1000Mbps Ethernet interface
- Easy to use user interface
- Compatible to French law of August 2007 for quality in CCTV applications

### SUMMARY

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The Grundig embedded 960H DVRs are the perfect match to the Grundig Analog Camera new line up. Their latest technologies give them the power to record the Highest Analog Resolution Video in realtime.

No manual configuration is required to get a live picture and to start high quality recording, as it is absolutely standalone. Of course the setup menu gives you access to the camera settings to tweak your system to your desired operation.

The easy new user interface allow these DVRs to give you fast and amazing access to the Live, Playback, Search and Backup functions, as well as all DVR and camera settings.

Use the advanced search tools to locate the important recording, such as preview for all channels, thumbnail search and back-up, even during playback.

Or use the color multi-channel timeline that shows also events at a glance.

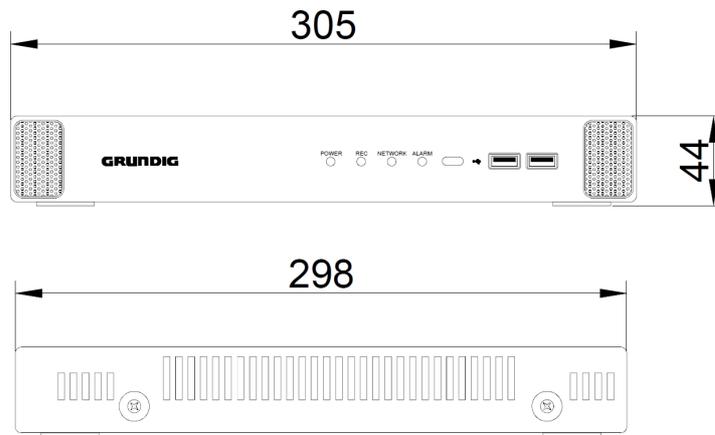
The backup data is as simple a few mouse clicks on a USB device or a FTP server.

## SPECIFICATIONS

Operating System	Embedded Linux
Video Inputs	16 CH Composite, BNC
Video Outputs	1 CVBS BNC (Spot), 1 HDMI, 1 VGA
Max. Storage Capacity	6 TB (2x3 TB SATA)
Harddisk bay	2 x SATA II
Video Compression	H.264
Recording Resolution	960H (960x576), 4CIF (704x576), 2CIF (704 x 288), CIF (352x288)
Recording Speed	400fps (352x288), 400fps (704x288), 400fps (704x576), 400fps (960x576)
Recording Mode	Continuous, Event Alarm, Motion, Video Loss, Schedule, Manual
Pre-Alarm	Off, 1, 2, 3, 4, 5, 10, 15 sec.
Post-Alarm	Off, 1, 2, 3, 4, 5, 10, 15, 30, sec., 1, 2, 3 min.
Display Resolution	max. 1920 x 1080
Display Speed	400 fps
Display Mode	Full screen, 4, 6, 8, 9, 16
PTZ Control	Pan / Tilt / Zoom / Focus / Preset / Sequence / Auto Pan
Auto Switching	0, 3, 5, 10, 20, 30 sec, Event or manual, Multi Channel Views
External Backup	USB HDD, USB Memory, Network, FTP
Search Mode	Date/Time, Event, Thumbnail
Motion Detection	On/ Off/ Sensitivity/ Area setting
Event Source	Motion, Alarm, Video Loss, System
Event Action	Pop-Up, Relay, E-Mail, Buzzer, PTZ Preset
Audio Inputs	4 CH, 3.5mm Jack socket
Audio Outputs	1 CH, 3.5mm Jack socket
Alarm Inputs	4 contact input N/O or N/C
Alarm Outputs	1 Relay
Network	1x 10/100/1000Mbps RJ-45
Serial Interface(s)	2 x USB2, 1 x RS485
Multiplex Function	Triplex
Video Streaming	Versatile Dual Streaming
Time Setting	Setting by NTP Server local or internet
Client software	Windows (XP, Vista, 7), Web Viewer: IE, Firefox, Safari, Chrome; Mobile: iPhone, Android
Operating Temperature	0°C ~ +40°C
Humidity	less than 90%, non condensing
Supply Voltage	12 VDC (External Power Supply)
Certification	FCC, CE
Power Consumption	37 W
Weight	1.9 kg
Dimensions w*h*d	305 x 44 x 298 mm

## DIMENSIONS

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## FRONT VIEW

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