GRI-K4416A
16-Ch Full HD Standalone H.264 NVR

- High performance NVR with Full HD realtime recording capability
- Easy to use user interface
- Auto configuration for Grundig IP cameras
- Built in & external PoE Switch for direct IP camera connection
- 19" Rackmounting, 2U
- Control the NVR directly by mouse (USB) or by remote over IP

SUMMARY

The Grundig embedded NVRs are the perfect match to the Grundig IP camera line up. Their latest CPUs give them the power to record Full HD video in realtime, depending on the model with 4, 8 or 16 channels.

Grundig IP cameras (not exclusively) will be detected and configured automatically after connecting them to the built-in PoE Switch. No manual configuration is required to get a live picture. Of course the setup menu gives you access to the camera settings to tweak your system to optimal performance.

The easy new user interface allow these NVRs to give you fast and amazing access to the Live, Playback, Search and Backup functions.
Use the advanced search tools to locate the important recording: such as preview for all channels, thumbnail search and back-up with only a few clicks, even during playback.
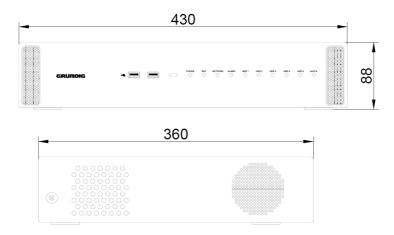Or use the color multi-channel timeline that shows also event
The backup data is as simple a few mouse clicks on a USB device or a FTP server.

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SPECIFICATIONS

Operating System	Embedded Linux
IP Inputs	16 channels
Video Outputs	1 VGA, 1 HDMI
Max. Storage Capacity	25 TB (5x2,5 TB SATA and 5x2,5 TB eSATA)
Harddisk bay	5 x SATA II
Video Compression	H.264
Recording Resolution	max. 1920x1080 depending on the camera performance
Recording Speed	400 fps
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	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	1, 2, 3, 5, 10, 15, 20, 30, 40, 60 sec, 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
Number of Clients	Up to 8 user (admin, manager, user)
Audio Inputs	16 CH over IP, 1 x RCA
Audio Outputs	1 CH, RCA
Audio Compression	G.711
Alarm Inputs	16 (IP) + 2 N/O or N/C
Alarm Outputs	1 Relay
Network	2 x 1000Mbps + 8 x 100Mbps (PoE, max. 100W) + 8 x 100Mbps (PoE, max. 72W, supplied external switch)
Serial Interface(s)	1x RS232, 1x RS485, 3x USB, 1x eSATA
Multiplex Function	Triplex
Network Protocol	DHCP, HTTP, FTP, SMTP, RTP/RSTP, RTCP, NTP, DDNS, uPNP
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	230 VAC (NVR), 48VDC (Switch)
Certification	FCC,CE
Power Consumption	25 W
Weight	5.43 kg
Dimensions w*h*d	430 x 88 x 360 mm

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DIMENSIONS

FRONT & REAR VIEW

Connection diagram of the GRI series recorders

Full HD 1080 Bullet camera 1080p

Full HD 1080 Vandal resistant dome - 1080p

Full HD 1080 Box camera 1080p

PoE

Full HD 1080 PTZ Dome 1080p

Network

External HDD

USB stick

Mouse

HDMI

Mosaic 1080p

Full HD 1080

CMS Client Software

Smartphone / Tablet Android / iOS

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