

# GRI-K4416A-3

## 16-Ch Full HD Standalone H.264 NVR 3TB



- 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

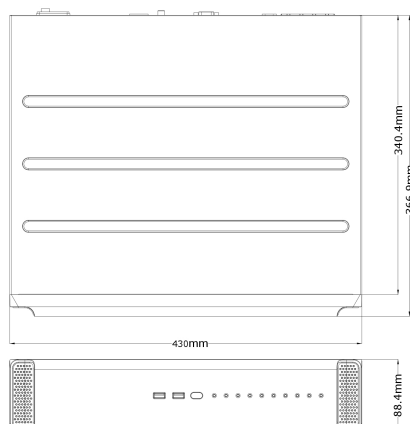
The backup data is as simple a few mouse clicks on a USB device or a FTP server.

## SPECIFICATIONS

Operating System	Embedded Linux
IP Inputs	16 channels
Recording Resolution	max. 1920x1080 depending on the camera performance
Recording Speed	400 fps
Video Compression	H.264
Basic Internal Storage	3TB
Storage Max. Expansion	25 TB (5x2,5 TB SATA and 5x2,5 TB eSATA)
Video Outputs	1 VGA, 1 HDMI
Display Resolution	1920 x 1080
Display Speed	400 fps
Display Mode	Full screen, 4, 8, 9, 16
PTZ Control	Pan/Tilt/Zoom/Focus/Preset/Sequence, Pelco D/P
Recording Mode	Continuous, Event Alarm, Motion, Video Loss, Schedule, Manual
Event Source	Motion, Alarm, Video Loss, System
Event Action	Pop-Up, Relay, E-Mail, Buzzer
Motion Detection	Selectable per camera with adjustable detection zones for alarm transmission and event-triggered recording (HDD)
Pre-Alarm	Off, 1, 2, 3, 4, 5, sec.
Post-Alarm	Off, 5, 10, 20, 30, sec., 1, 3 min.
Search Mode	Date/Time, Event, Thumbnail
Number of Clients	Up to 8 user (admin, manager, user)
Audio Inputs	16 CH over IP
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)
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
Time Setting	Setting by NTP Server local or internet
Client software	Windows 2000, XP, Vista, 7 Web Viewer (Internet explorer)
SDK	HTTP API (PC Codec library)
Operating Temperature	0°C ~ +40°C
Humidity	10 ~ 90% no condensation
Supply Voltage	230 VAC (NVR), 48VDC (Switch)
Power Consumption	25 W
Dimensions w*h*d	430 x 88 x 360 mm

## DIMENSIONS

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## FRONT & REAR VIEW

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