

# GRY-K4416A

16 CH Tribrid HD-TVI / IP / Analog, real time Video Recorder



- Accepts either HD-TVI, IP or analog cameras (960H) for every channel
- Up to 18 IP cameras in 1080p (4 Mbps)
- Auto detects HD-TVI or analog cameras
- High Picture Quality in video display : 1920x1080 (HDMI and VGA outputs)
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Various recording features (Normal, schedule, motion, alarm)
- Controlled locally by USB mouse or remotely through Ethernet connection with CMS, Web page and Smartphone
- eSATA interface: add external Hard drive to increase record capacity
- Recorded files backup via USB device or eSATA device
- SDK for Windows

## SPECIFICATIONS

Operating System	Embedded OS
Video Compression	H.264
Video Inputs	16 CH 960H/HD-TVI (BNC) or 18 CH IP
Recording Resolution	1920x1080, 1280x720, 960x576, 704x576, 352x288
Recording Speed	25 fps per channel
Recording Mode	Continuous, Event Alarm, Motion, Video Loss, Schedule
Motion Detection	On/ Off/ Area Setting
Audio Inputs	4 CH RCA (2.0Vp-p, 11 KΩ)
Audio Outputs	2 Channels (RCA, 6000hms)
Audio Compression	G.711a, G.711u, G.722, G.726
Video Outputs	main : 1x HDMI, 1x VGA (copy) sub : 1x BNC (spot)
Display Speed	25 fps per channel
Display Resolution	Up to 1920x1080 (HDMI / VGA), 704x576 (BNC)
Max. Storage Capacity	4x SATA, 1x eSATA
Control	USB mouse (included), RS485 Keyboard or Network remote control (optionals)
Search Mode	Date/Time, Event Alarm, Motion, Search Backup
Playback	Synchronised playback of max. 16 cameras
External Backup	USB HDD, USB Memory, Network, eSATA
Network Interface	1x 10/100/1000 Base T/TX (RJ-45)
Network Protocol	IPv4, IPv6, TCP/IP, UDP, RTP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI
Client software	Windows (Vista, 7, 8), Web Viewer: IE, Firefox, Safari, Chrome; Mobile: iOS, Android
Serial Interface(s)	1x RS-232, 1x RS-485 (PTZ), 1x RS-485 (Keyboard)
Alarm Inputs	16
Alarm Outputs	4
Operating Temperature	-10°C ~ +55°C
Operating Humidity	10% ~ 90%, non-condensing
Chassis	19-inch rack-mounted, 1.5U
Supply Voltage	110 ~ 240 Vac, 50/60Hz
Power Consumption	(no HDD) 55 W
Weight	5 kg
Dimensions w*h*d	445 × 390 × 70 mm

## FRONT & REAR VIEW

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