



Series 5 Hybrid H.264 / Linux Embedded Recorder

Overview

The Series 5 Hybrid is the next generation of hybrid digital video recording technology from Hikvision. The Series 5 Hybrid supports both analog and IP-based cameras while being used as a standalone DVR, hybrid DVR or as an NVR. Built on a user friendly embedded platform, making it free of viruses and adware, it combines the latest in advanced H.264 video encoding and decoding technologies. The Series 5 Hybrid delivers rock-solid reliability and high performance.

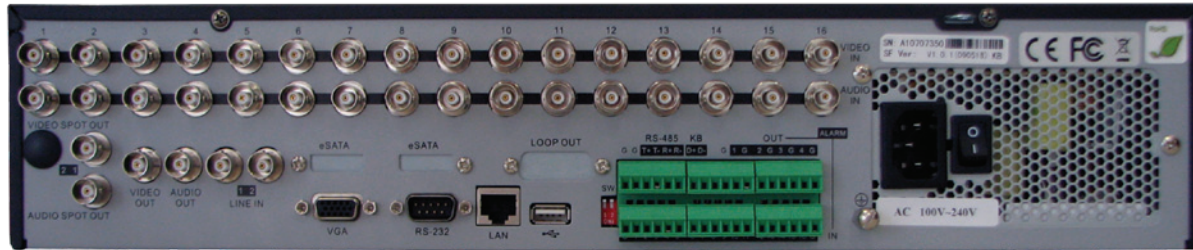
Model

HK-RH508 - 8 Channel
HK-RH516 - 16 Channel

Standard Features

- ▶ H.264 video compression
- ▶ 8 or 16 channel analog video input + 8ch IP
- ▶ Each channel supports dual stream
- ▶ Independent video encoding parameters
- ▶ Up to 8 SATA HDD at 2TB each
- ▶ S.M.A.R.T. technology
- ▶ HDD standby function
- ▶ HDD file system is compatible with windows
- ▶ Supports DDNS
- ▶ E-mail alert configuration
- ▶ Internet ready for remote viewing through IE browser and cell phone access
- ▶ Pentaplex operations enables simultaneous recording, live view, playback, back-up and network operations
- ▶ Supports Microsoft Windows

Rear I/O Panel Diagram



Advanced Features

- ▶ Advanced motion detection and analytics, including privacy mask, tampering and video loss alerts
- ▶ Pre/Post-recording of alarm and motion detected events
- ▶ PTZ controls with preset, patrol and pattern settings
- ▶ Multi-user level management with password protection
- ▶ Full system logging including operation, alarm and defined events
- ▶ Supports input from front control panel, mouse, IR remote and keyboard operation
- ▶ Built-in reporting of various alarms, including hard disk errors, unauthorized log-ins and network conflicts
- ▶ Full feature remote access with client software and camera web browser
- ▶ Easy backup to USB and optical drives
- ▶ Lock and unlock video files
- ▶ Supports NTP (Network Time Protocol) and SADP (Search Activated Device Protocol)
- ▶ Rack mountable ears included

Specifications

Video & Audio Input

Video Compression	H.264
Video Input	8 or 16 BNC (1.0 Vp-p, 75 Ω) 8Ch: 8 Analog + 8Ch IP/4Ch @ 720P 16Ch: 16 Analog + 8Ch IP/4Ch @ 720P
Audio Compression	OggVorbis
Audio Input	8 or 16 Ch, BNC (2.0 Vp-p, 1 kΩ)
Voice Talk Input	2 Ch, BNC (2.0 Vp-p, 1 kΩ)

Video & Audio Output

Display	704x480
VGA Output	Up to 1280x1024 (60 Hz)
Recording Resolution	720P/4CIF/DCIF/2CIF/CIF/QCIF
Video Output	BNC (1.0 Vp-p, 75 Ω)
Recording/Playback	Up to 30fps per channel
Video Bitrate	32 kbps-2048 kbps or user-defined (max: 8192 kbps)
Audio Output	BNC (Linear Electric Level, 600 Ω)
Audio Bitrate	16 kbps

External Interface

Network Interface	1x RJ45 10M/100M/1000M Ethernet
Serial Interface	1x RS-232, 1x RS-485 (PTZ), 1x RS-485 (Keyboard Interface)
USB Interface	2x USB 2.0
Alarm Input	Up to 16 (terminal block)
Alarm Output	4 (terminal block)

Dimensions & Electrical

Power Supply	100-240V, 60 Hz
Consumption	<50W (w/o HDD)
Temperature	14° - 131° F
Humidity	10% - 90%
Chassis	19" standard 2U
Size	17 ¾" (L) x 17 ¾" (W) x 3 ¾" (H)
Weight	17.5 lbs