

HD CCTV REAL TIME HYBRID RECORDER - 16 CHANNELS

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EDVR216



Product description

This 16-channel DVR accepts the following high definition technologies, TVI, AHD, HD-CVI & analog. The DVR features H.265+ compression, which improves encoding efficiency, giving you a greater recording length from your hard drive! This recorder supports P2P cloud technology - simply scan the QR code through your mobile or tablet device and set up your system for easy mobile viewing through the Guarding Vision app! This DVR accepts 16 x high definition cameras but will also accept up to 8 x 6 megapixel IP cameras.

Features

- H.265 Pro+ / H.265 Pro / H.265 video compression
- HDTVI / AHD / CVI / CVBS / IP video input
- audio via coaxial cable
- up to 24 channel IP camera inputs (up to 6 MP)
- max. 800 m for 1080p and 1200 m for 720p HDTVI signal
- up to 10 TB capacity per HDD
- compression and recording:
 - H.265 Pro+ improves encoding efficiency and reduces data storage cost
 - full channel recording at up to 4 MP lite resolution
- storage and playback:
 - smart search for efficient playback
 - supports cloud storage (Dropbox - Google Drive - Microsoft OneDrive)
- network & ethernet access:
 - max. 8 / 16 / 32 Mbps incoming bandwidth, 72 / 96 / 128 Mbps total bandwidth
 - Android app: [Guarding Vision](#)
 - iOS app: [Guarding Vision](#)
 - Windows software: [Guarding Vision](#)
 - iOS software: [Guarding Vision](#)

Specifications

- recording:
 - video compression: H. 265 Pro+ / H. 265 Pro / H. 265 / H. 264+ / H. 264
 - encoding resolution: when 1080p Lite mode not enabled: 4MP lite/3; MP / 1080p / 720p / VGA / WD1 / 4CIF / CIF
when 1080p Lite mode enabled: 1080p lite / 720p / VGA / WD1 / 4CIF / CIF
 - When 1080p Lite mode not enabled:
For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30 fps (N)
For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps
For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@
 - video bit rate: 32 Kbps - 6 Mbps
 - dual stream: yes
 - stream type: video / video & audio
 - audio compression: G.711u
 - audio bit rate: 64 Kbps
- frame rate:
 - sub-stream: WD1/4CIF/2CIF@12 fps; CIF/QVGA/QCIF@25 fps (P)/30 fps (N)

- video and audio:
 - IP video input: 8-ch (up to 24-ch); up to 6 MP resolution; supports H. 265+ / H. 265 / H. 264+ / H. 264 IP cameras
 - analog video input: 16-ch; BNC interface (1.0 Vp-p, 75 Ω), supports coaxitron connection
 - HDTV input: 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30; The 3 MP signal input is only available for channel 1/2/3/4
 - AHD input: 4 MP, 1080p25, 1080p30, 720p25, 720p30
 - HDCVI input: 4 MP, 1080p25, 1080p30, 720p25, 720p30
 - CVBS input: PAL / NTSC
 - VGA output: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
 - HDMI output: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
 - audio input: 1-ch, RCA (2.0 Vp-p, 1 KO); 16-ch via coaxial cable
 - audio output: 1-ch, RCA (linear, 1 KO)
 - two-way audio: 1-ch, RCA (2.0 Vp-p, 1 KO) (using audio input)
 - synchronous playback: 16-ch
- network:
 - remote connection: 128
 - network protocol: TCP/IP, PPPoE, DHCP, HiLookVision, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
 - network interface: 1, RJ45 10/100 Mbps self-adaptive Ethernet interface
- auxiliary interface:
 - SATA interface: 1
 - capacity: up to 10 TB for each disk
 - USB interface: real panel: 2 x USB 2.0
 - alarm in/out: N/A
- general:
 - power supply: 12 VDC 1.9 A
 - consumption (without HDD): 20 W
 - working temperature: -10 °C - +50 °C (+14 °F - +131 °F)
 - working humidity: 10 % - 90 %
 - dimensions: 380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)
 - weight (without HDD): 1.2 kg