



16 Channel HDCVI Digital Video Recorder

HDCVI

Main Features:

- Tribrid: Each channel supports HDCVI/Analog/IP video input
- 1HDMI/VGA/TV simultaneous video output,1 HDMI separate output
- All channel Max 1080P; Up to 1080p realtime live view
- H.264 dual-stream video compression
- 16 channel synchronous realtime playback, GRID interface & smart search
- Support 4 SATA HDDs up to 12TB, 1 eSATA up to 12TB, 3 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

Specifications:

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|-------------------------|--|---|
| System | | |
| Main Processor | Embedded processor | |
| Operating System | Embedded LINUX | |
| Video | | |
| Input | up to 16 channel | |
| Video Standard | HDCVI | 1080P/720P HDCVI Camera |
| | Analog | NTSC(525Line, 60f/s), Effio 960H Camera |
| | IP | 1080P/720P/D1/CIF IP Camera |
| Audio | | |
| Input | 4 channel, BNC | |
| Output | 1 channel, BNC | |
| Two-way Talk | 1 channel input, 1channel output, BNC | |
| Display | | |
| Interface | 2 HDMI,1 VGA,1 TV | |
| Resolution | 1920×1080, 1280×1024, 1280×720, 1024×768, 800×600 | |
| Display Split | 1/4/8/9/16 | |
| Privacy Masking | 4 rectangular zones (each camera) | |
| OSD | Camera title, Time, Video loss, Camera lock, Motion detection, Recording | |
| Recording | | |
| Video/Audio Compression | H.264/G.711 | |
| Resolution | 1080P(1920×1080)/720P(1280×720)/960H(960×576/960×480)/D1/4CIF(704×576/704×480) | |

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|------------------------------------|--------------|--|
| | | /CIF(352×288/352×240)/QCIF(176×144/176×120) |
| Record Rate | Main Stream | 1080P/720P/960H/D1/HD1/2CIF/CIF(1~25/30fps) |
| | Extra Stream | CIF/QCIF(1~25/30fps) |
| Bit Rate | | 48~8192Kb/s |
| Record Mode | | Manual, Schedule(Regular(Continuous), MD), Stop |
| Record Interval | | 1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec |
| Video Detection & Alarm | | |
| Trigger Events | | Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips |
| Video Detection | | Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank |
| Alarm Input | | 16 channel |
| Relay Output | | 6 Channel |

| | |
|------------------------------|---|
| Playback & Backup | |
| Sync Playback | 1/4/9/16 |
| Search Mode | Time/Date, MD & Exact search (accurate to second) |
| Playback Functions | Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom |
| Backup Mode | USB Device/eSATA Device/Internal SATA burner/Network |
| Network | |
| Ethernet | RJ-45 port (10/100M/1000M) |
| Network Functions | HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter |
| Max. User Access | 128 users |
| Smart Phone | iPhone, iPad, Android |
| Storage | |
| Internal HDD | 4 SATA ports, up to 12TB |
| External HDD | 1 eSATA port, up to 12TB |
| Auxiliary Interface | |
| USB Interface | 3 ports(2 Rear),USB2.0 |
| RS232 | 1 port, For PC communication & Keyboard |
| RS485 | 1 port RS485 for PTZ control,1 port RS422 for Keyboard |
| General | |
| Power Supply | AC 100~240 V, 50/60 Hz |
| Power Consumption | 40W(without HDD) |
| Working Environment | -10°C ~+55°C / 10%~90%RH / 86~106kpa |
| Dimension(W×D×H) | 1.5U, 440mm×410mm×70mm |
| Weight | 6KG(without HDD) |