



INFINITY BDV-2704-RA

Key Feature

- H.264 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 5/10 channels IP camera inputs, each channel up to 2MP/5MP Max 20/40Mbps Incoming Bandwidth
- Long transmission distance over coax cable
- Supports 1 SATA HDD, up to 6TB

Specification

Technical Specification

System

| | |
|------------------|--------------------|
| Main Processor | Embedded Processor |
| Operating System | Embedded LINUX |

Video and Audio

| | |
|---------------------|--|
| Analog Camera Input | 4/8 Channel, BNC |
| HDCVI Camera | 1080P@25/30fps, 720P@25/30fps |
| AHD Camera | 1080P@25/30, 720P@25/30fps |
| TVI Camera | 1080P@25/30, 720P@25/30fps |
| CVBS Camera | PAL/NTSC |
| IP Camera Input | 4CH: 4+1, each channel up to 2MP 8CH: 8+2, each channel up to 5MP |
| Audio In/Out | 1/1, RCA |
| Two-way Talk | Reuse audio in/out, RCA |

Recording

| | |
|-------------------|--|
| Video Compression | H.264 |
| Resolution | 1080N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF |
| Record Rate | Main Stream: 4CH: All channel 1080N/720P/960H/D1/HD1/BCIF/CIF/QCIF(1~25/30fps) 8CH: the 1st channel 1080N/720P(1~25/30fps), others 1080N(1~12fps)/720P(1~15fps); 960H/D1/HD1/BCIF/CIF/QCIF(1~25/30fps) Sub stream: 4CH: CIF/QCIF (1~15fps) 8CH: CIF/QCIF (1~7fps) |
| Video Bit Rate | 32Kbps ~ 4096Kbps Per Channel |
| Record Mode | Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop |
| Record Interval | 1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec |
| Audio Compression | AAC(only for the 1st channel), G.711A, G.711U, PCM |
| Audio Sample Rate | 8KHz, 16 bit Per Channel |
| Audio Bit Rate | 64Kbps Per Channel |

Display

| | |
|----------------------|---|
| Interface | 1 HDMI ,1 VGA |
| Resolution | 1920x1080, 1280x1024, 1280x720, 1024x768 |
| Multi-screen Display | When IP extension mode not enabled: 4CH: 1/4 8CH: 1/4/8/9 When IP extension mode enabled: 4CH: 1/4/6 8CH: 1/4/8/9/16 |
| OSD | Camera title, Time, Video loss, Camera lock, Motion detection, Recording |

Network

| | |
|------------------|---|
| Interface | 1 RJ-45 Port (100M) |
| Network Function | HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter ,DDNS, FTP, Alarm Server, P2P,IP Search (Supports Dahua IP camera, DVR, NVS, etc.) |
| Max. User Access | 128 users |
| Smart Phone | iPhone, iPad, Android |
| Interoperability | ONVIF 16.12, CGI Conformant |

Video Detection and Alarm

| | |
|-----------------|--|
| Trigger Events | Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips |
| Video Detection | Motion Detection, MD Zones: 396 (22 x 18), Video Loss, Tampering and Diagnosis |
| Alarm input | N/A |
| Relay Output | N/A |

Playback and Backup

| | |
|-------------------|---|
| Playback | 4CH: 1/4 8CH: 1/4/9 |
| Search Mode | Time /Date, Alarm, MD and Exact Search (accurate to second) |
| Playback Function | 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/Network |

Storage

| | |
|--------------|---------------------------------|
| Internal HDD | 1 SATA Port, up to 6TB capacity |
| eSATA | N/A |

Auxiliary Interface

| | |
|-------|-----------|
| USB | 2 USB 2.0 |
| RS232 | N/A |
| RS485 | N/A |

Electrical

| | |
|---------------------------------|------------|
| Power Supply | DC12V/1.5A |
| Power Consumption (Without HDD) | <10W |

Construction

| | |
|--------------------------|--|
| Dimensions | Cooper 1U, 197mmx192mmx41mm (7.8"x7.6"x1.6") |
| Net Weight (without HDD) | 0.55kg (1.2lb) |
| Gross Weight | 1kg (2.2lb) |
| Installation | Desktop installation |

Environmental

| | |
|----------------------|--|
| Operating Conditions | -10°C ~ +45°C (+14°F ~ +113°F), 10~ 90% RH |
| Storage Conditions | -20°C ~ +70°C (-4°F ~ +158°F) , 0~ 90% RH |

Third-party Support

| | |
|---------------------|---|
| Third-party Support | Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotek, Vivotek, and more |
|---------------------|---|

Certifications

| | |
|----------------|--|
| | FCC: Part 15 Subpart B |
| Certifications | CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50130, EN 55024 UL: UL 60950-1 |