



# INFINITY BDV-3816-PT

## Key Feature

- Embedded processor
- H.264+/H.264 dual-stream video compression
- Support HDCVI/AHD/TVI/CVBS/IP video inputs  
Max 24 channels IP camera inputs, each channel up to 5MP
- Max 96 Mbps Incoming Bandwidth
- Smart Search and Intelligent Video System

## Specification

### Technical Specification

System	
Main Processor	Embedded Processor
Operating System	Embedded LINUX
Display	
Interface	1 HDMI ,1 VGA
Resolution	1920x1080, 1280x1024, 1280x720, 1024x768
Multi-screen Display	16CH: 1/4/8/9/16/25
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Video Detection and Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm Out, 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	16
Relay Output	3
Tracking Trigger Event	N/A
Playback and Backup	
Playback	16CH: 1/4/9/16
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	2 SATA Ports, up to 6TB capacity for each disk
HDD Mode	Single
eSATA	N/A
Auxiliary Interface	
Front Cover	N/A
USB	16CH:2 USB Ports (1 USB 2.0 , 1 USB 3.0)
RS232	N/A
RS485	1 Port, for PTZ Control
Third-party Support	
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more

### Audio and Video

HDCVI Camera Input	16 Channel
IP Camera Input	16+8 Channel, each channel up to 5MP
Audio In/Out	4 Channel input, 1 Channel output
Two-way Talk	Reuse audio in(channel 1)/out, RCA

### Recording

Compression	H.264+/H.264
Resolution	1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main stream: 1080P(1~15fps) 1080N/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Sub stream: D1/CIF/QCIF(1~25/30fps)
Bit Rate	1Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Schedule (Regular, 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

### Network

Interface	16CH: 1 RJ-45 Port (1000M)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search (Support Dahua IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4.1, CGI Conformant

### Electrical

Power Supply	DC12V/4A
Power Consumption	<15W (Without HDD)

### Environmental

Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	0°C ~ +50°C (+32°F ~ +122°F), 0 ~ 90% RH

### Construction

Dimensions	1U, 375mmx285mmx55mm (14.7" x 11.2" x 2.2")
Net Weight	2.35kg (5.2 lb) (without HDD)
Gross Weight	3.2kg (7.05lb)
Installation	Desktop installation

### Certifications

Certifications	FCC: Coming soon UL: Coming soon
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