

OS-XVR8MN2-H1 | 8 CHANNEL TRIBRID 1080P LITE SMART 1U DIGITAL VIDEO RECORDER



- Embedded processor
- H.264+/H.264 Dual-stream video compression
- Support HDCVI/CVBS/IP video inputs
- Max 8+4 channels IP camera inputs, each channel up to 5MP
- Max 48Mbps Incoming Bandwidth
- Smart Search and Intelligent Video System



System Overview

Osiris newest generation digital video recorder adopts HDCVI technology, our in-house technology is an over-coaxial-cable analog HD video transmission standard, allowing long-distance HD transmission at a lower cost to meet the requirements for a complex and large installation. It supports up to 8 channels of HDCVI/CVBS inputs, and 4 channels IP camera additionally.

Designed as a low-cost, easy installation product, this HCVR is ideal for a wide range of applications such as public safety, retail store, transportation, home protection and education. It is compatible with numerous third-party devices making it the perfect solution for surveillance systems with or without a video management system (VMS). Its open architecture supports multi-user access and is compatible with ONVIF 2.42.

Functions

Smart H.264+

Smart Codec, H.264+ can reduce up to 70% bit rate and storage requirements without having to invest in new cameras.

5MP Resolution

The HCVR supports up to 5MP HD resolution (2560 x 1920) IPC input for recording, live viewing.

Intelligent Video System (IVS)

With built-in intelligent video analytics, the XVR has the ability to detect and analyze moving objects for improved video surveillance. The XVR provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed.

Face Detection

It is a type technology being used in a variety of applications that search or identify individuals which show front cameras.

Smart Search

This function helps you get more motion detect video during a short time through drawing a region when playback. It is very useful when an emergency occurs.

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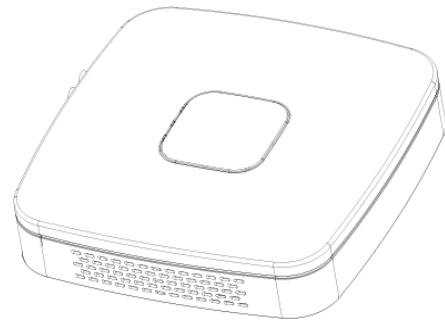
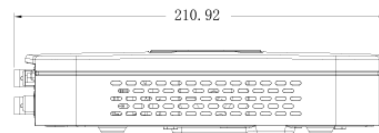
Technical Specifications

System	
Main Processor	Embedded Processor
Operating System	Embedded LINUX
Display	
Interface	1 HDMI , 1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Multi-screen Display	8CH: 1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
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 × 18), Video Loss, Tampering
Alarm input	-
Relay Output	-
Playback and Backup	
Playback	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 8TB capacity
eSATA	-
Auxiliary interface	
USB	2 USB Ports (2 USB 2.0)
RS232	-
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	8
IP Camera Input	8+4 Channel, each channel up to 5MP
Audio In/Out	1/1, RCA
Two-way Talk	Reuse audio in/out, RCA

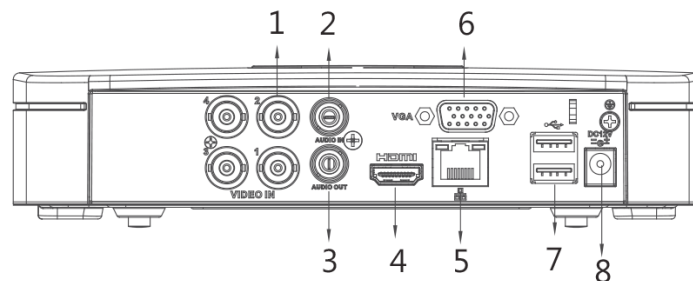
Recording	
Compression	H.264+/H.264
Resolution	1080P, 1080N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main stream: 1080P(1~15fps) 1080N/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Sub stream:D1/CIF/QCIF(1~15fps)
Bit Rate	1Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), 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	1 RJ-45 Port (100M)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, D-DNS, FTP, Alarm Server, P2P, IP Search (Support Osiris IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.42, CGI Conformant
Electrical	
Power Supply	DC12V/2A
Power Consumption	<15W (Without HDD)
Environmental	
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 0~90% RH
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0~90% RH
Construction	
Dimensions	Smart 1U, 205×211×45mm (8.1"×8.3"×1.8")
Net Weight	0.5kg (1.1lb) (without HDD)
Gross Weight	1kg 1kg (2.2lb)
Installation	Desktop installation
Certifications	
Certifications	FCC: Part 15 Subpart B ICES 003 Issue 6 CE: EN 55032: 2012+AC 2013 (Class B) EN 55024 : 2010 EN 61000-3-2 : 2014 EN 50130-4: 2011 EN 61000-3-3 : 2013 UL 60950-1 and CAN/CSA C22.2 No. 60950-1-07

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Dimensions (mm)



Rear Panel



- | | |
|----------------------------|---------------------|
| 1 VIDEO IN | 5 Network Interface |
| 2 AUDIO IN, RCA Connector | 6 VGA Interface |
| 3 AUDIO OUT, RCA Connector | 7 USB Interface |
| 4 HDMI Interface | 8 DC12V Power Input |

* The information contained in this document (photos, drawings, dimensions, specifications) may be subject to change without prior notice.

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