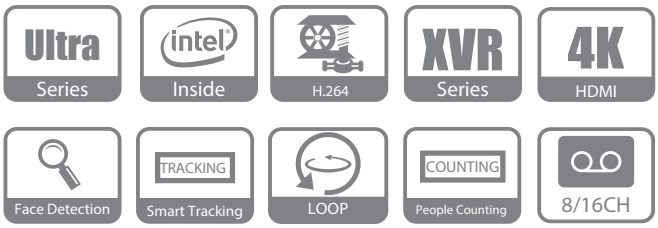
DHI- XVR8808/16S

8/16 Channel Penta-brid 4MP 2U Digital Video Recorder

- Embedded processor
- Smart H.264 dual-stream video compression
- Support HDCVI/AHD/CVBS/TVI/IP video inputs
- Max 64 channels IP camera inputs, each channel up to 12MP
- Max 256Mbps Incoming Bandwidth,384Mbps Forwarding Bandwidth
- Smart Search and Intelligent Video System
- Support HDCVI/CVBS Loop Out



System Overview

Dahua, as a leading role in the security industry, his Innovation never stops. Today we present XVR88XXS which is considered as the most influential product of the year. It is the perfect interpretation of the HDCVI3.0. It is the only product of the industry which not only achieved penta-brid, but also achieved HDCVI 4MP access, analog HD statistics, smart tracking and other intelligent features. It has excellent performance. Such as powerful Intel Multi-core CPU(perfect processing capability), high frame rate(CVI 720P 50/60fps realtime recording), penta-brid video input(HDCVI/TVI/AHD/CVBS/IP), 4MP encoding ability, loop out and advance intelligent functions(Smart Tracking/People Counting).

Designed as a ultra series product, it established a new generation of analog HD standards, better compatibility, higher resolution, more intelligent. It is an ideal for the customer project tender, the system transformation and upgrading and expansion.

Function

Loop Out

It support Loop function.It can get another video signal which is same as the camera transmission without video distribute .

HDCVI/TVI/AHD/CVBS Full Compatibility

It can receive HDCVI, TVI, AHD and CVBS signals. It cares your more needs.

Smart tracking

Smart tracking can track people or objects automatically with the linkage between Bullet and PTZ Camera.

Spot Output and Video Matrix

It is made for a secondary monitor. This allows the operator to view one special monitor that assigned to selected cameras or video inputs from higher security areas. Video matrix is for TV output.

Intelligent Video System (IVS)

With built-in intelligent video analytics, the URH has the ability to detect and analyze moving objects for improved video surveillance. The URH 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 used in a variety of applications that search or identify individuals who showed in front of cameras.

People Counting

People counting can show the people flow in the entrance, and export the daily/month report

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.

https://boutique.idms.fr

Technical Specification

System

Main Processor	Embedded Processor
Operating System	Embedded LINUX

Display

Interface	2 HDMI(HDMI1 up to 4K, 2K), 1 VGA, 1 TV
Resolution	3840×2160, 2560×1440, 1920×1080, 1280×1024, 1280×720, 1024×768
Multi-screen Display	1/4/8/9/16/25/36
Privacy Masking	4 rectangular zones (each camera)
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 × 18), Video Loss, Tampering and Diagnosis
Alarm input	16 channel
Relay Output	6 channel

Playback and Backup

Playback	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	8 SATA Ports, up to 8 TB capacity for each disk
eSATA	1

Auxiliary Interface

USB	4 USB Ports (2USB 2.0 , 2 USB 3.0)
RS232	1 Port，for PC communication & Keyboard
RS422	1 Port，for PTZ Control
RS485	1 Port, for PTZ Control
LOOP	HDCVI/CVBS 8/16 BNC

Audio and Video

HDCVI Camera Input	8/16 Channel
IP Camera Input	up to 64 Channel, each channel up to 12MP
Audio In/Out	16 Channel input, 1 Channel output
Two-way Talk	1 MIC IN, 1 MIC OUT, BNC(independent)

Recording

Compression	H.264+/H.264
Resolution	4MP, 1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main stream: CVI/AHD 4MP(1st and 9th channel 1/16~25/30fps,others 1/16~15fps) **CVI/AHD/TVI** 1080P/720P/960H/D1/HD1/BCIF/CIF/QCIF (1/16~25/30fps) Sub steram:960H/D1/CIF/QCIF(1/16~25/30fps)
Bit Rate	1Kbps ~ 12288Kbps 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	2 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, P2P, 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	AC 100~240V, 50/60HZ
Power Consumption	<40W (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	2U, 440mm×455mm×95mm (17.3"×17.9"×3.7")
Net Weight	8.24 kg (without HDD)
Gross Weight	9.48 kg (without HDD)
Installation	Desktop installation/Rack installation

Certifications

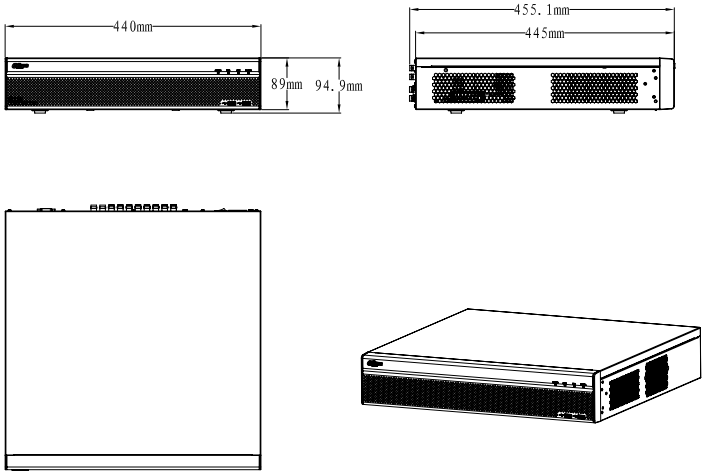
Certifications	FCC: Coming soon UL: Coming soon

https://boutique.idms.fr

Ordering Information

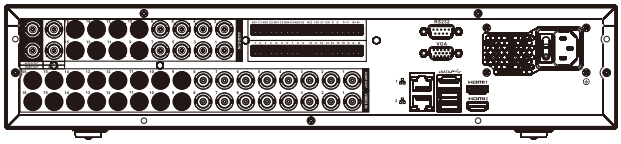
Type	Part Number	Description
8/16 Channel XVR	DHI-XVR8808S	8 Channel Penta-brid 4MP 2U Digital Video Recorder
	DHI-XVR8816S	16 Channel Penta-brid 4MP 2U Digital Video Recorder

Dimensions (mm)

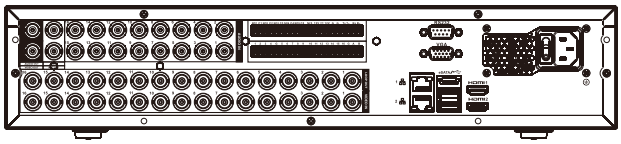


Rear Panel

DHI-XVR8808S



DHI-XVR8816S



Rev 001.001 © 2016 Dahua . All rights reserved. Design and specifications are subject to change without notice.

https://boutique.idms.fr