

AMS-804

4CH 8MP-N Hybrid Video Recorder



HDMI 2K (2560X1440)
 4x4K-N@15fps (6in1)
 Video Compression H.265+/H265X
 Audio Compression G.711A
 HDD Sata 1 slot Max 14TB
 Human Recognition/Face Recognition
 Coaxial Control
 UTC function (camera OSD menu management via XVR)
 PPPoE, LAN, LAN WIFI, DHCP & static IP, supporto DDNS
 Smartphone remote view with XMEye/XMEye PRO app



Launched by Envio Security, XVR AI is a series of products and solutions adopting independent AI chips and highly sophisticated alarm detection algorithms. It focuses on people and vehicles with high accuracy, allowing users to act quickly on defined targets.

Functions

Real-time facial recognition

AI XVRs allow you to take a snapshot whenever a face is recognized. This powerful algorithm works with any type of camera and on all channels of the XVR.

Human Presence

XVR AI allows you to discriminate the presence of human beings in a video scene. In this way it is therefore possible to reduce false alarms due to the old alarm system on movement to practically zero. This powerful algorithm works with any type of camera and on all channels of the XVR.

AI coding

Compared to H.265, the new H.265+ codec can reduce bit rate and storage space by up to 50%. Compared to the old H.264 codec, it can reduce the bit rate and storage space by up to 90%, thus significantly reducing storage costs.

Auto detect XVI/AHD/TVI/CVBS

The DVR can automatically recognize the camera signal without any manual adjustment. The only exception is the HDCVI protocol for which the type of input signal must be set manually. However, this operation is remarkably simple.

High definition camera input

ENVIO DVRs support analog cameras up to 4K and inputs for 4K IP cameras (depending on the models).

AI Search

The XVRs of this series easily extract and classify people, faces and vehicles from huge data in order to significantly reduce the search time for particular events.

TECHNICAL SPECIFICATIONS

SYSTEM	
Main Processor	NT98321
INTERFACE	
Preview	1/4
VIDEO	
Signal Technology	XVI/AHD/TVI/CVI/CVBS/IP
Codec	H.265+
Monitor quality	VGA(1080P at most);HDMI(2K at most)
Preview ability	4*4K-N@12fps / 4*5M@12fps / 4*4M@15fps / 4*3M@18fps / 4*1080P (6in1)
Encode ability	4*4K-N@12fps / 4*5M@12fps / 4*4M@15fps / 4*3M@18fps / 4*1080P (6in1)
Decode ability	1*4K-N@12fps / 1*5M@12fps / 1*4M@15fps / 1*3M@18fps / 1*1080P (6in1)
Multi-mode	Analog XVI / AHD / TVI / CVI: 4*4K-N Hybrid: 4*4K-N (Analog) + 4* 5MP (IP) Network: 16*1080P / 16*5M
Video Analyses	Motion/Face/Human/(available on all channels, with any type of camera)
AUDIO	
Compression	G.711A
Intercom	support
RECORD & PLAYBACK	
Record mode	manual>alarm>motion detection>timing
Local Playback	4CH SIMULTANEOUS (4*4K-N) 2CH SIMULTANEOUS (4*4K-N + 4*5MP IP) 2CH SIMULTANEOUS (16*1080P IP) 1CH SIMULTANEOUS (16*5MP IP)
Search mode	Search by time, calendar, event, channel
STORAGE & BACKUP	
Video storage	HDD, network
Backup mode	Network, USB, SATA
EXTERNAL INTERFACE	
Video input	4ch BNC
Video output	1ch VGA, 1ch HDMI
Audio I/O	1/1
Alarm I/O	0/0
Network interface	RJ45 10M/100M self-adaption
PTZ control	Coaxial Control
USB	2* USB 2.0 ports
HDD	1*SATA ports (Max 14TB)
Wireless / UTC Control	3G, WIFI (extend via USB) / Control signal& video stream transmit through one single coaxial
GENERAL	
Mobile Phone / App	iPhone, Android / XMEye, XMEyepro
Power / Consumption	12V/2A - <15W (without HDD)
Dimension / Weight	255mm x 225mm x 45mm / 0,7 Kg

ACCESSORIES



ETS-WIFI-STK



WD10PURZ

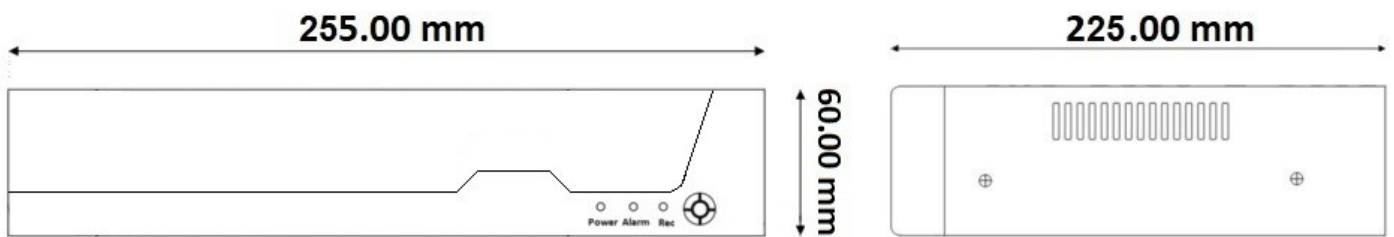


WD22PURZ

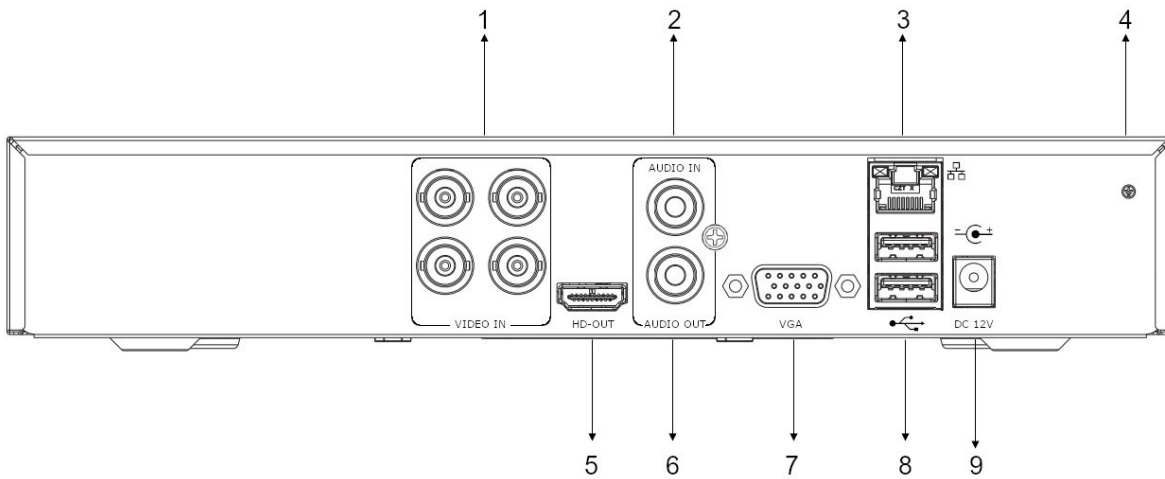


WD42PURZ

TECHNICAL DRAWING



BACK PANEL



- | | |
|----------------------------|---------------------------|
| 1 Video Input BNC | 7 Video Output VGA |
| 2 Audio In RCA | 8 USB ports Type 2 |
| 3 Lan Port RJ45 | 9 Power DC 12V |
| 4 Ground | |
| 5 Video Output HDMI | |
| 6 Audio Output RCA | |