

# PNVR-804

4 Channels 1U 4PoE 1HDDs Network Video Recorder Ultra HD 4K



HDMI 4K (3840x2160)  
 Network 4ch\*4K (PoE)  
 Video Compression H.265AI+/H265+/H.265/H.264  
 Audio Compression G.711A  
 HDD Sata 1 slot Max 14B  
 Intelligent Video Analysis  
 Human/Face/Vehicle Recognition  
 Sending Email with attached photo  
 ONVIF 16.12  
 PPPoE, LAN, LAN WIFI, DHCP & static IP, supporto DDNS  
 Smartphone remote view with XMEye/XMEye PRO app



The **PNVR-804** model of the Luna Series NVR is favored for its outstanding performance. It supports 4K resolution for scenes that require highly detailed images, and can serve as the edge, central, or backup storage with an intuitive shortcut menu for remote management and control. This NVR also features Smart Motion Detection by recorder, which can distinguish target vehicles and humans from ordinary ones in real-time. When an IPC is connected to the NVR, a variety of AI functions become available such as face detection, perimeter protection.

## Functions

### Real-time facial detect by Camera

Face detection is to detect if there is any human face appearing in the video. This technology adopts a deep learning algorithm to support face detection.

### Human Presence by Camera

NVR 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.

### Vehicle Presence by Camera

NVR AI allows you to discriminate the presence of a vehicle in a video scene. In this way, an alarm can only be detected if a vehicle is present in the video scene.

### 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.

### Perimeter Protection by Camera

Automatically filters out false alarms caused by animals, rustling leaves, bright lights, etc. Enables system to act secondary recognition for the targets. Improves alarm accuracy.

### High definition camera input

ENVIO NVRs support 4K IP cameras.

### AI Search

The NVRs of this series easily extract and classify people, faces and vehicles from huge data in order to significantly reduce the

## TECHNICAL SPECIFICATIONS

<b>System</b>	
Operating System	Embedded Linux
System resources	Simultaneous multi-channel real-time recording
<b>Intelligent Video Analysis</b>	
Perimeter Protection	Cross Line - Perimeter
Times Laps	Supported
Analysis Video	Supported
AI by Camera	Face Detection; Human Detection, Perimeter Protection; Vehicle Recognition
<b>Interface</b>	
Operator interface	16-bit true color graphic menu operation interface, support mouse operation
Preview	1/2/4
<b>Video</b>	
Video input (IP)	4*4K (PoE)
Video compression	H.265AI/H.265+(compatible H.265/H.264)
Display quality	Max:4K
Playback quality	4K/5M/4M/3M/1080P
Third-party Camera Access	ONVIF 16.12
<b>Audio</b>	
Audio compression	G.711A
Intercom	support
<b>Network</b>	
Network Protocol	HTTP; TCP/IP; IPv4; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; DDNS; Alarm Server; IP Search (Supports IP camera, DVR, NVS, etc.); P2P; Auto Registration
Mobile Phone Access	iOS; Android (XMEye; XMEye pro)
Browser	Chrome; IE; Safari; Edge; Firefox
<b>Recording Playback</b>	
Recording mode	Manual>Alarm>Dynamic Detection>Timing
Local payback	1ch 4K@20fps; 2ch 5M (1ch 5M@20fps + 1ch 5MP@12fps); 2ch 4M@20fps; 4ch 3M (2ch 3M@20fps + 2ch 3MP@12fps); 4ch 1080P@20fps
Search mode	Search by Time/Calendar/Event/Channel/Face
Record storage	HDD, Network, Cloud
Backup mode	Network backup, USB hard disk, USB burner, SATA burner
<b>Port</b>	
Video output	1ch VGA, 1ch HDMI HD output
Audio I/O	1/1 (3.5MM)
Alarm Input/Output	0/0
HDD Interface	1 SATA(Up to 14TB)
USB	2*USB2.0 ports
Network Port	1*RJ45 10M/100M/1000M Adaptive Ethernet port
<b>General</b>	
Power Supply / Consumption	DC52V / 1.38A - <15W(Without HDD)
Net Weight	1.420 kg
Product Dimensions	255.0 mm × 225.0 mm × 60.0 mm
Work environment	Temperature: 0°C — 55°C , Humidity: 10%—90%RH , Atm: 86kpa—106kp
Installation	Rack or desktop

## ACCESSORIES



ETS-WIFI-STK



WD10PURZ

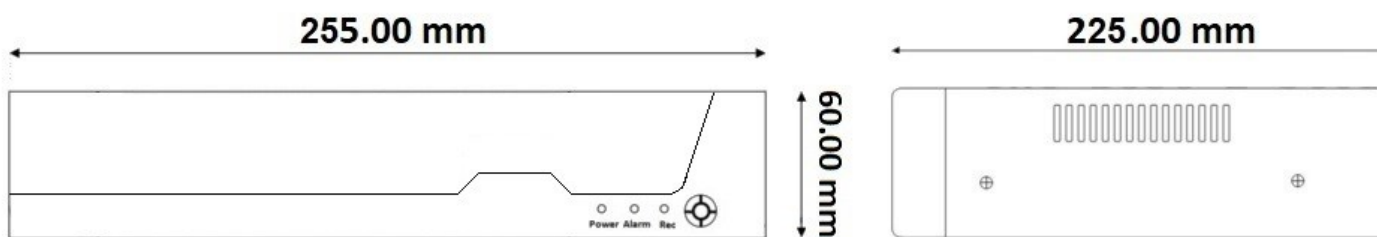


WD22PURZ

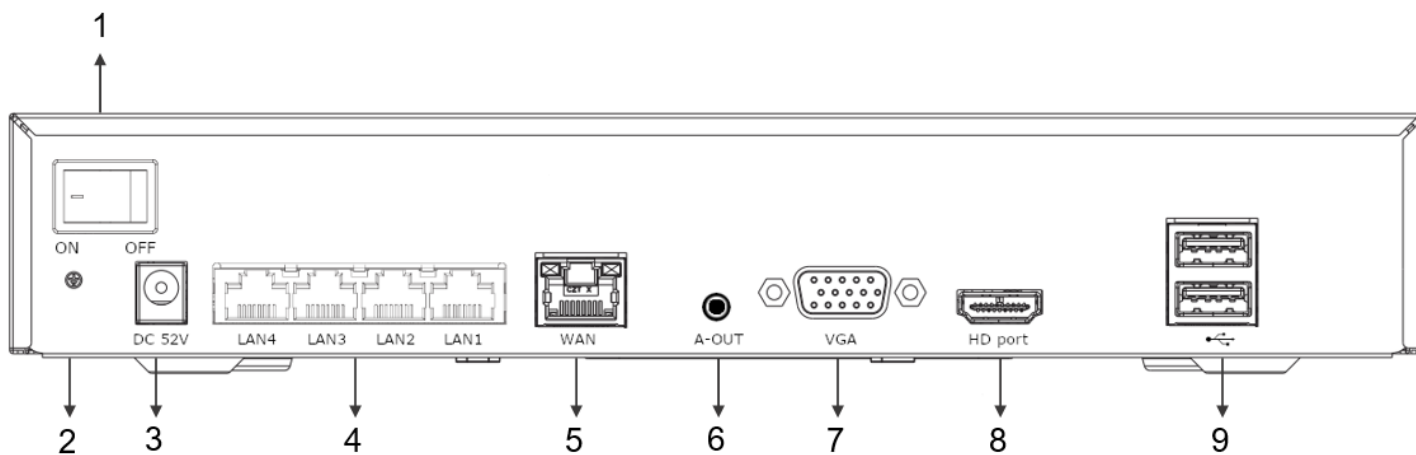


WD42PURZ

## TECHNICAL DRAWING



## BACK PANEL



- |                                 |                            |
|---------------------------------|----------------------------|
| <b>1</b> On/OFF                 | <b>7</b> Video Output VGA  |
| <b>2</b> Ground                 | <b>8</b> Video Output HDMI |
| <b>3</b> Power DC 52V           | <b>9</b> USB ports Type    |
| <b>4</b> Video Input RJ45 (PoE) |                            |
| <b>5</b> Lan Port RJ45          |                            |
| <b>6</b> Audio In/Out (3.5mm)   |                            |