

WNVR-88M

8 Channels 1U 8PoE 1HDDs WiFi Network Video Recorder Ultra HD 4K



HDMI 4K (3840x2160)
 Network 8ch*4K (WiFi and Wired)
 Video Compression H.265AI+/H265+/H.265/H.264
 Audio Compression G.711A
 HDD Sata 1 slot Max 14B
 Intelligent Video Analysis
 Human/Face Recognition
 Sending Email with attached photo
 ONVIF 16.12
 PPPoE, LAN, DHCP & static IP, supporto DDNS
 Smartphone remote view with XMEye/XMEye PRO app



With its embedded Wi-Fi module, Envio's Luna Series Wireless Recorder supports the AP function, and automatically detects and connects with Envio wireless cameras. It has two antennas that together produce strong wireless signals, and has IEEE 802.11 b/g/n (2.4G Hz) Wi-Fi which allows it to cover a wider area. This NVR also supports the access of IP cameras, making installation more convenient. Without the limitation of network cables, the wireless recorder combined with the Envio wireless camera provides a great solution for SMB surveillance systems, making this NVR ideal for a wide range of applications including home safety, cafes, supermarkets, retail, education and more industries.

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.

Automatic Wireless Pairing

In just 120 seconds, the wireless NVR automatically pairs with the wireless IPC after the system starts up, allowing you to work faster and more efficiently.

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

System	
Main processor	Hi3536E
Operating System	Embedded Linux
System resources	Simultaneous multi-channel real-time recording
Intelligent Video Analysis	
Perimeter Protection	Cross Line - Perimeter
Times Laps	Supported
Analysis Video	Supported
AI by Camera	Face Detection; Human Detection, Perimeter Protection; Vehicle Recognition
Interface	
Operator interface	16-bit true color graphic menu operation interface, support mouse operation
Preview	1/2/4/6/8/9
Video	
Video input (IP)	8*4K (WiFi and Wired)
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
Audio	
Audio compression / Intercom	G.711A / Support
Intercom	support
Network	
Network Protocol	HTTP; TCP/IP; IPv4; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; DDNS; Alarm
Mobile Phone Access	iOS; Android (XMEye; XMEye pro)
Browser	Chrome; IE; Safari; Edge; Firefox
Recording Playback	
Recording mode	Manual>Alarm>Dynamic Detection>Timing
Local payback	1ch 4K@20fps 2ch 5M (1ch 5M@20fps + 1ch 5MP@12fps) 4ch 4M (2ch 4M@20fps + 2ch 4M@12fps) 6ch 3M (3ch 3M@20fps + 3ch 3MP@12fps) 8ch 1080P (5ch 1080P@20fps + 3ch 1080P@12fps)
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
Port	
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
General	
Power Supply / Consumption	DC12V / 2A - <10W(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



WESS-BFM60500-DLM



HESS-INPTZ-3MP



WD10PURZ

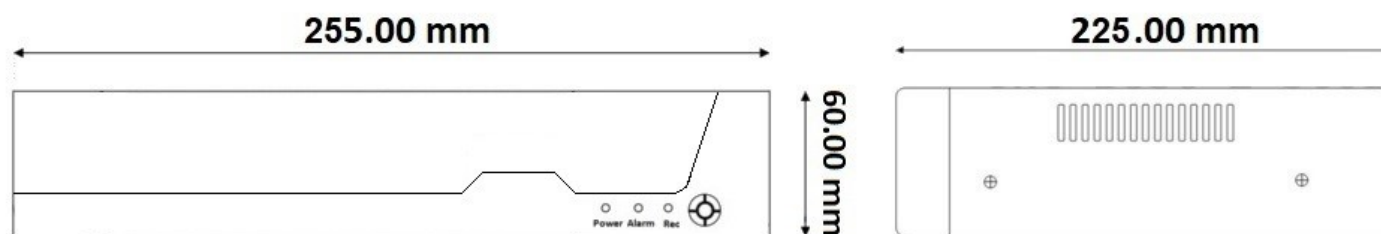


WD22PURZ

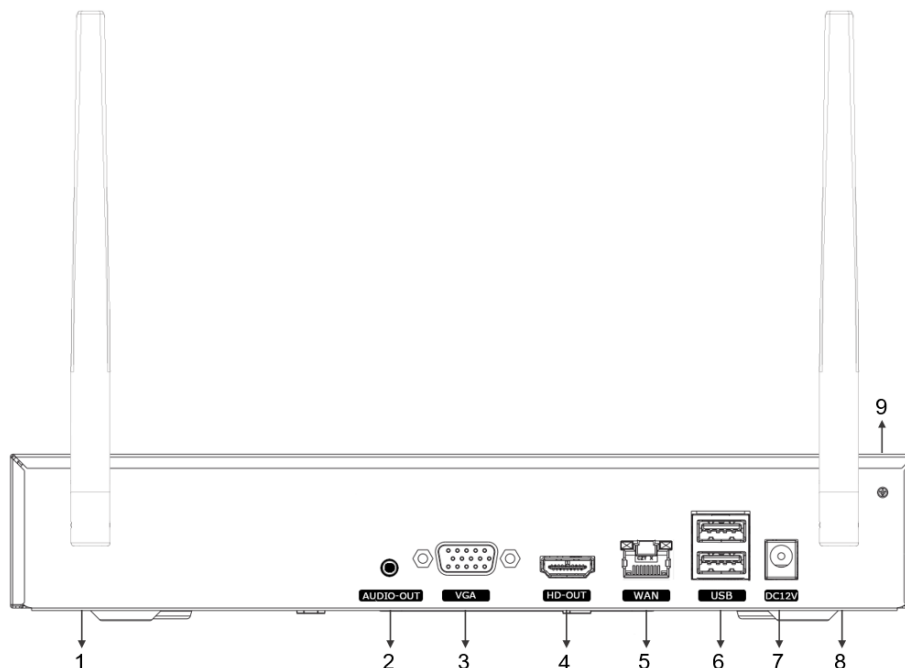


WD42PURZ

TECHNICAL DRAWING



BACK PANEL



- | | | |
|---|----------------------------|---|
| 1 Antenna WiFi (IEEE 802.11 b/g/n) | 4 Video Output HDMI | 7 Power DC 12V |
| 2 Audio In/Out (3.5mm) | 5 Lan Port RJ45 | 8 Antenna WiFi (IEEE 802.11 b/g/n) |
| 3 Video Output VGA | 6 USB ports Type | 9 Ground |