

WIFI-NVR-4

4 Channel Compact 1U WiFi Network Video Recorder



- Embedded processor
- H.264/MJPEG dual codec decoding
- Up to 4 channel IP camera inputs
- Max 12 channels IP camera inputs, each channel up to 6MP
- Max 80Mbps incoming bandwidth
- Built in WiFi, Support One Key Setup
- Support 1SATA HDD up to 4TB, 2USB2.0

System Overview

Clearview's WiFi NVR-4 is the ultimate in convenience and ease of use. This 4 channel WiFi NVR features a built-in WiFi router with WPS (WiFi Protected Setup) for one button setup.

No more CAT-5 cables running from your cameras to the NVR just mount your cameras and add power and point them at your wireless NVR.

The system is perfect for small offices, restaurants, and homes. Clearview offers multiple cameras that work both inside and outside with this NVR. Welcome to the future of surveillance.

H.264

Like all Clearview and IC Realtime series products, this device utilizes H.264E (Enhanced H.264) compression technology, enabling crisp image viewing with the least bandwidth consumption possible. This unit adopts an embedded system design, as well as a Linux Operating System, resulting in high levels of stability, performance, and most importantly: reliability.

Functions

Interoperability

The camera conforms to the ONVIF (Open Network Video Interface Forum) specifications, ensuring interoperability between network video products regardless of manufacturer.

Flexible Recording

The AVR offers a variety of configurable recording options and schedule that saves HDD space and active monitoring time. The recorder monitors incoming video and can be programmed to record if motion is detected or if an alarm is triggered. The recorder can also be programmed to record on a schedule or at different intervals. The recording options and schedules can be set for each individual camera or copied to all cameras..

Technical Specification

System

Main Processor	Embedded Processor
Operating System	Embedded LINUX

Video

IP Video Input	4 channel, each channel up to 5MP
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Audio

Input	N/A
Output	N/A
Two-way Talk	1 channel Input, 1 channel Output, RCA

Display

Interface	1 HDMI , 1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1/4
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Recording

Video/Audio Compression	H.264/MJPEG
Image Resolution	5Mp(2560×1920)/3Mp(2048×1536)/1080P(1920×1080)/720P(1280×720)/D1 (704×576/704×480)
Record Rate	80Mbps
Bit Rate	48~ 8192kbps
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec

Video Detection & Alarm

Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm Input	N/A
Relay Output	N/A

Playback & Backup

Sync Playback	1/4
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Functions	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

Network

Ethernet	1 RJ-45 port (10/100Mbps)
Wireless Network	Built-in Wifi module, 2 WiFi Antenna
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search, P2P
Max. User Access	128 users
Smart Phone	Android, iOS, iPhone

Storage

Internal HDD	1 SATA Port, up to 4TB capacity
External HDD	N/A

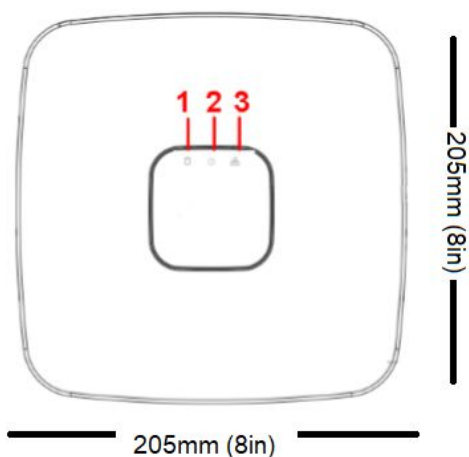
Auxiliary Interface

USB	2 USB Ports (2 USB 2.0)
RS232	N/A
RS485	N/A

General

Power Supply	DC12V/2A
Power Consumption	10W(without HDD)
Working Environment	-10°C~+55°C / 10%~90%RH / 86~106kpa
Dimensions (W×D×H)	Smart 1U, 205mm×205mm×40mm
Net Weight	0.5KG(without HDD)

Dimensions (mm/in)



1	HDD status indicator light	The red light becomes on when HDD is abnormal.
2	Power indicator light	The red light becomes on when the power connection is OK.
3	Network status indicator light	The red light becomes on when the network connection is abnormal.

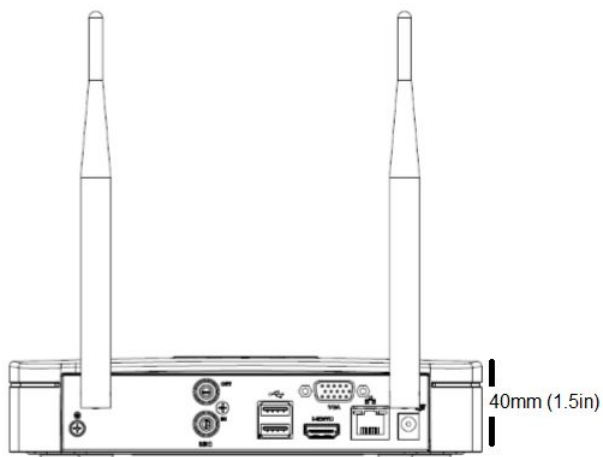


Figure 1-3

Please refer to the following sheet for detailed information.

Port Name	Connection	Function
	USB 2.0 port	USB 2.0 port. Connect to mouse, USB storage device, USB burner and etc.
	Network port	10M/100Mbps self-adaptive Ethernet port. Connect to the network cable.
HDMI	High Definition Media Interface	High definition audio and video signal output port. It transmits uncompressed high definition video and multiple-channel data to the HDMI port of the display device. HDMI version is 1.4.
VGA	VGA video output port	VGA video output port. Output analog video signal. It can connect to the monitor to view analog video.
	GND	Ground end