WAVESYS

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Affordable Series
IP-01 Series Embedded NVR

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8 Channel NVR

IP-01R-MNVR2B1U-8CH

About the NVR : IP 01 Series NVR are affordable latest NVR series by Wavesys. It is built on advanced system-on-chip technology ,NDAA Compliant. Wavesys is a video-based business intelligence leader with deep knowledge of different applications of intelligent video across distinct verticals.

Key Features

- Up to 8-ch IP cameras access
- Up to 80 Mbps incoming/outgoing bandwidth
- Up to 1ch 12MP, 4ch 4MP, 8ch 1080P@30fps
- Support 1 HDMI and 1 VGA interface
- Support fisheye Dewarping and VCA alarm linkage
- Up to 4-ch Intrusion protection
- USB Device, Network based Backup mode
- 2 SATA HDDs, up to 12TB for each HDD

Smart Search

Using Wavesys Smart Search technology, the NVR is able to detect people activities using image functions such as Picture grid, Time search, and Event and retrieve the relevant video.

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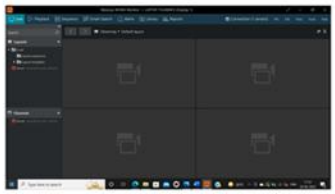
Key features of WVMS



WVMS Professional - Monitoring Console

WVMS Enterprise – Wall & Redundancy

WVMS Facial Recognition Module

WVMS Video Content Analytics

WVMS License Plate Recognition

WVMS Mobile Application

Specification

Video Input	
Model Number	IP-01R-MNVR2B1U-8CH
IP Camera Input	8 Channel
Incoming Bandwidth	80 Mbps
Outgoing Bandwidth	80
Video Output	
HDMI 1 Output	3840 × 2160, 1920 × 1080, 1280 × 1024, 1024 × 768
VGA Output	1920 × 1080, 1280 × 1024, 1024 × 768
Decoding Capacity	1ch 12MP, 4ch 4MP, 8ch 1080P@30fps
Dual Stream	Support
Multi-screen Display	1/4/8/9
Recording	
Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.
Recording Mode	Manual, Schedule (Regular, Continuous), Event
Trigger Events	Motion Detection, Video Loss, Alarm in, IVS

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AI Recognition	
Face Comparison	Real-time captured and display faces comparison results (registrant (name and ID), stranger, channel, similarity)
Multi-objective	Real-time captured and display vehicle, human body, non-motor vehicle, license plates image, and facescomparison results (registrant, stranger, channel, similarity)
Smart Search	Time, Properties, Pictures
Trigger Events	Buzzer, Alarm push, Alarm prompt, Email, Alarm Out, Compare the result simultaneously, etc.
Playback and Backup	
Sync Playback	9/4/1
Search Mode	Time /Date, Alarm, Picture grid, Event
Backup Mode	USB Device, Network
Alarm	
General Alarm	Motion Detection, Video Loss, IVS, Alarm in, Alarm out
Intelligent Analysis (By Camera)	Smoking Detection, Smoke and Fire Detection, Fire Spot Detection, Intrusion, Single Line Crossing, Double Line Crossing, Loitering, Wrong-way, Illegal Parking, People Counting, Smart motion detection, Enter Area, Leave Area, etc.
Abnormal Alarm	Disk Alarm, IP Address Conflict, Network Disconnect
Intrusion Detection (By NVR)	4-ch, support the accurate detection of human and vehicle
Network	
Network Function	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE
Remote Users	8 users
P2P	Support
Interoperability	ONVIF, SDK, CGI

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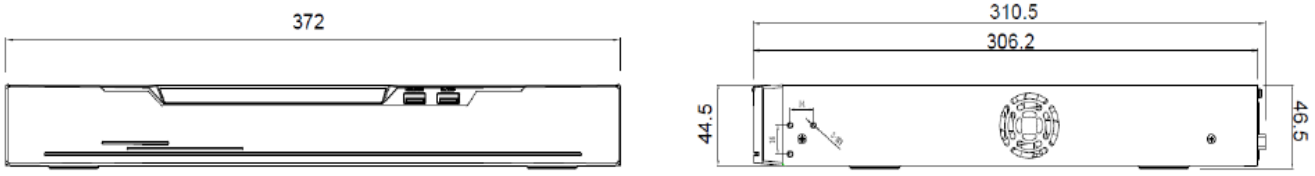
Interface	
HDD Interface	2 SATA Ports, up to 12TB for each disk
Network Interface	1× RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
HDMI	1
VGA	1
Alarm In/Out	1/1
Alarm In/Out	8/1
USB Interface	Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0
RS-485 Interface	1
RS-232 Interface	1
Reset Button	On-board reset button
General	
Power Supply	100 to 240VAC
Power Consumption	< 15 W (without HDD)
Operating Conditions	-10 °C to 50 °C (14 °F to 122 °F)
Storage Conditions	Less than 90% RH
Certifications	CE/FCC. BIS
Dimensions	372 × 310.5 × 46.5 mm (16.65 × 12.2 × 2.2 inch)
Net Weight	2.1 kg (4.63 lb) without HDD

Dimensions