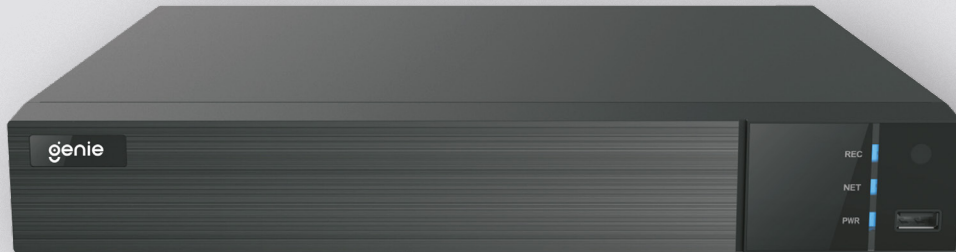


WNVR18P5SM

NETWORK VIDEO RECORDER

8 Channel H.265 Smart Management Terminal for AI Applications Facial Recognition/
Temperature/Mask Detection with 1HDD Bay



Key Features

- Real-time display of all abnormal data, including abnormal temperature, mask off, block list, etc.
- Real-time display of face snapshots, body temperature and human body snapshots
- Real-time alarm for abnormal temperature and non-mask detection
- Precise face recognition with masks
- Real-time personnel information display, including name, area, temperature, mask on/off, company, etc.
- Statistics of abnormal temperature and non-mask detection in recent 24 hours or 7 days
- Statistics of abnormal attendance in recent 24 hours or 7 days
- Statistics of the people information, including staff, allow list, block list, VIP, stranger and staff counts
- Personnel records search, including the identity, detected time, temperature, location, etc.
- Statistics of people entering or exiting facilitate people flow control
- Face greeting view and settings via Web client
- Up to 10TB capacity for each HDD
- 4K ultra-high definition output
- Supports 8 CH 8MP/ 6MP/5MP/4MP/3MP/ 1080p/1280x1024/960p/720p/960H/D1/CIF IP video input
- Standard H.265 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse

The Genie WNVR18P5SM is specifically designed and developed for AI application management, like body temperature measurement, time attendance, access control and flow control. It supports real-time face capture, temperature display and alarm out, statistics, video preview, search and playback.



genie

Specification

System

OS	Embedded Linux
Mobile OS	iOS, Android

Video

IP Video Input	8CH IP video input (including IP Panel, thermal camera, IPC, etc.)
Incoming / Outgoing Bandwidth	80Mbps
Output	HDMI x 1 : 3840×2160 @60fps / 3840×2160 @ 30fps / 1920×1080 / 1280×1024 / 1024×768 VGA 1 : 1920×1080 / 1280×1024 / 1024×768
Resolution	8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 1280×1024 / 960p / 720p / 960H / D1 / CIF
Compression	H265+/H.265/H.264

Audio

Input	8 CH IPC/IP Panel audio input
Output	RCA x1
Two-Way Audio	RCA x1
Compression	G.711 (A/U)

AI

AI Device Access	8 CH
Face Picture Database	4 groups: attendance group/allow list/block list/VIP, 20,000 Face Pictures
Face Picture Search	Search and playback by time/camera/event/temperature/mask
Face Picture Adding	Add face pictures through App, Web and external import
External Face Picture Enrolment	Resolution: 128×128 ~ 1920×1080 Size: ≤ 150KB Format : jpg&jpeg
Event	Allow list/block list/VIP/temperature exception alarm
Statistics	Statistical information display by day, week, month, quarter as well as customised time period in the bar graph or pie chart

Functions

Attendance	Rule: By week/month/customisation
Access Control	Trigger Type: Staff/VIP/Allow List
Temperature Measurement	Unit: Fahrenheit / Celsius Statistics: Real-time Statistics/ Historical Statistics
Flow Control	People Flow Control: Yes

Remote Monitoring

Immix	Compatible with Immix via RTSP only (2-way audio not supported)
Sentinel	Yes, Firmware 1.1.0 or later

Alarm

Mode	Motion Detection, Sensor Detection, AI Event, Temperature Exception Alarm, Mask Off
Linkage	Record, Alarm Out, Pop-up Window, Email, Buzzer, App push, etc.

Record

Record Stream	Dual stream recording
Resolution	8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 1280×1024 / 960p / 720p / 960H / D1 / CIF
Frame Rate	NTSC: 30fps, PAL: 25fps
Mode	Manual, Timer, Motion, Sensor, Smart events

Playback

Playback	Maximum 8CH (Simultaneous)
Search	Time slice / Time / Event / Tag search
Smart Search	Highlighted colour to display the camera record in a certain period of time, different colours refers to different record events.
Function	Play, Pause, FF, FB, Digital zoom, etc.
Decoding Capability	1CH 8MP / 4CH 1080p (Live View/ Playback)

Network

Interface	RJ45 1000Mbps x 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
PoE Port	RJ45 × 8 (IEEE802.3af, output power: ≤80W)

Backup & Storage

Local Backup	USB stick, USB mobile HDD
Network Backup	Yes
Storage	HDD: SATA x1, max 8TB per HDD

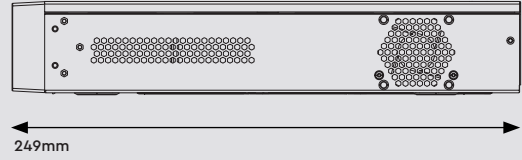
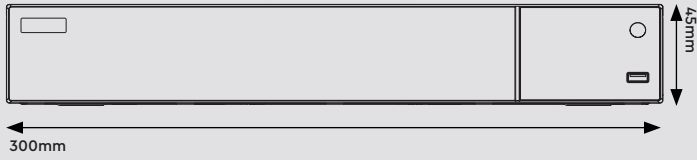
Port

RS485	Yes (Full-duplex), Connect to PTZ or keyboard
USB	USB 2.0 × 1, USB 3.0 × 1
Remote Controller	Optional

Others

Power Supply	DC48V/2.5A
Consumption	≤ 15W (Without HDD and PoE power supply)
Working Environment	-10~50°C, 10%~90% (Humidity)
Dimensions	300 × 249 × 45 mm

Dimensions



Accessories



WIP2FRTMTP

2MP HD Face Recognition,
Temperature Check and
Face Mask Detection
Terminal