Panasonic

PM-VN32CH

32CH Network Video Recorder 16PoE ports

The Panasonic PM-VN32CH is a high-performance NVR engineered for expansive surveillance systems. Supporting up to 32 IP input channels, it ensures crystal-clear, high-definition recording across all streams using advanced SOC technology. With 4 HDD interfaces, it offers substantial storage capacity to accommodate continuous, long-term video retention.Equipped with 16 built-in PoE ports, simplifies installation by powering connected IP cameras directly, reducing cabling complexity. It enables simultaneous 4K playback across multiple channels.



ONVIF® NDAA COMPLIANT H.265+ H.264 H.265 JPEG SECURE SSL ENCRYPTION AI

Key Features

- 32CH Network Video Recorder 16PoE ports
- Bandwith of Incoming: 320Mbps/ Outgoing: 256Mbps
- Simultaneous playback of Max.16CH
- Inteligent Analytics

Specifications

Type	32CH Network Video Recorder, 16PoE ports
OS	Embedded Linux
VIDEO	
IP Video Input	32CH
Network Bandwidth	Incoming: 320Mbps Outgoing: 256Mbps
Resolution	12MP 9MP 8MP 6MP 5MP 4MP 3MP 1080P 960P 720P 960H D1 CIF
Output	HDMI1: 3840×2160 1920×1080 1280×1024 1024×768 HDMI2: 1920×1080 1280×1024 1024×768 VGA×1: 1920×1080 1280×1024 1024×768 VGA and HDMI1 output the same video source
Multi-screen Display	Main output: 1/4/6/8/9/13/16/25/32/36 (live view) AUX output: 1/4/6/8/9 (live view) Max. 41CH(36+9) local live view
Compression	H.264 H.265 H.265+ H.265S
AUDIO	
Network input	32CH Camera audio input
Local Input	RCA×1 (for two-way talk)
Local Output	RCA×1
HDMI Audio Output	-
Compression	G.711(U/A)
RECORD	
Resolution	12MP 9MP 8MP 6MP 5MP 4MP 3MP 1080P 960P 720P 960H D1 CIF
Frame Rate	12MP: 20fps 9MP or lower resolution NTSC: 30fps PAL: 25fps
PLAYBACK	
Simultaneous Playback	Max.16CH
Search	Time Slice Time Event Tag Smart Search
Function	Play Pause FF Rewind Digital zoom Previous frame Next frame etc.
DECODING	
Live View	1CH 12MP 4CH1080P

Specifications

Playback	1CH 12MP 4CH1080P
INTELLIGENT ANALYTICS	
Face Detection Performance (AI by Camera)	32CH
"Face Detection Performance (AI by NVR)"	2CH(2MP)
Face Match Performance	6CH
Comparison Capability	18 pictures / second
Face Picture Database	32 libraries 10000 Face Pictures
Face Picture Search	Search by picture is supported
Database Management	Add, modify, delete and search face pictures
Face Picture Adding	Add face pictures through APP, WEB and external import
Face Picture Comparison	Support successful face recognition alarm and stranger match alarm
Track	Track display on a map
Statistical Graph of Information	Bar graph
Statistical Mode of Information	Statistics by day, week, month, quarter as well as customized time period
PERIMETER PROTECTION	
Human/Vehicle Classification (AI by Camera)	32CH
Human/Vehicle Classification (AI by NVR)	2CH(2MP)
Human/Vehicle Attribute Analysis (AI by Camera)	Yes
ALARM	
Mode	Manual Sensor Motion Exception Smart events etc.
Input	16CH
Output	4CH
Triggering	Record Snapshot Preset E-mail etc.
OTHER FUNCTION	
Fisheye	Supports fisheye dewarping via Web Client Mobile APP
Plate Recognition (AI by Camera)	Yes
NETWORK	
Interface	RJ 45 1000 Mbps × 2
Protocol	TCP/IP, HTTP, HTTPS, 802.1x, FTP, DHCP, DDNS, RTP, RTSP, RTCP NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP
Client Connection	Max.128 users access
Mobile Device OS	Ios Android
PORT	
PoE Network Port	RJ 45 100Mbps×16
SFP Interface	No
Storage Expansion	No
STORAGE	
HDD Interface	SATA×4 max16TB per HDD (HDD are not included)
RAID Type	-
EXTERNAL INTERFACE	
E-SATA Interface	1
USB	USB3.0×1 USB2.0×2
RS485	Yes (full-duplex) connect to keyboard
RS232	No
12V Output	ATX 300W(PoE)
Power Switch	Yes
DECODING CARD	
HDMI Interface	2 HDMI output
HDMI Output	HDMI1 : 3840 × 2160/1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI2 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA ×1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA and HDMI1 output the same video source

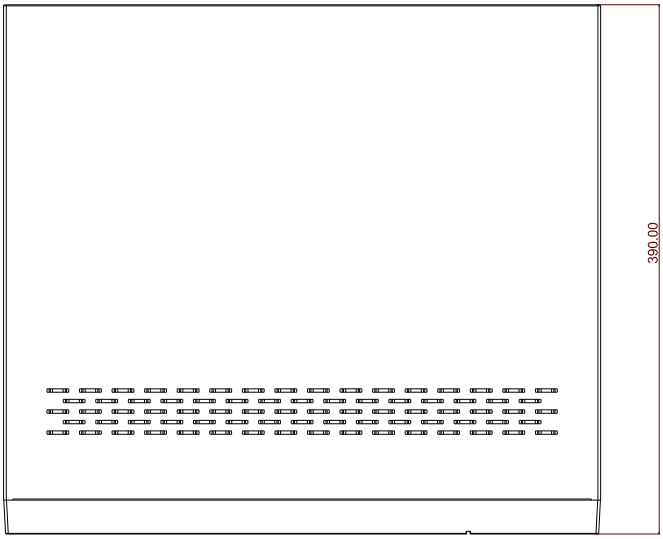
Specifications

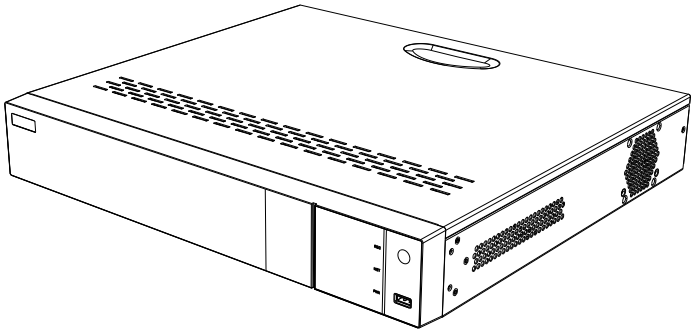
HDMI Input	-
Multi-screen Display	Main output:1/4/6/8/9/13/16/25/32/36 (live view) AUX output:1/4/6/8/9 (live view) Max. 32+9CH local live view
Decoding Capability	Non-AI Mode:1×16MP@30fps/4×6MP@30fps/9×2MP@30fps/16×720P@30fps AI Mode: 1×16MP@30fps/4×5MP@30fps/9×2MP@30fps/16×720P@30fps
OTHERS	
Power	100-240V AC, 300W, 5.5A
Consumption	≤20W (without HDD and PoE power supply)
Dimensions (mm)	W = 440 D = 390 H = 70
Weight	4.5KG
Certificate	EMC:EN 55032:2015+A11:2020 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A1:2019+A2:2021 EN 55035:2017+A11:2020 Safety: EN IEC 62368-1:2020+A11:2020 RoHS:2011/65/EU

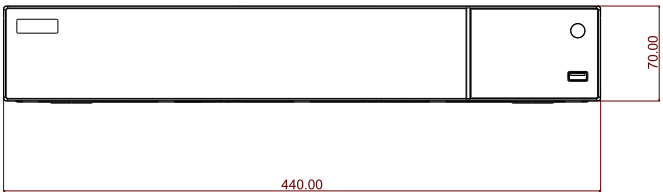
Rear Panel

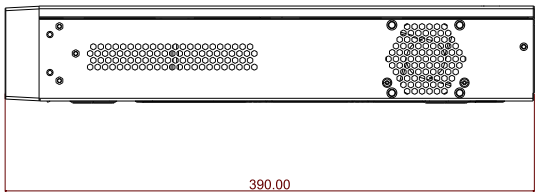


Appearance









Disclaimer:
Panasonic accepts no responsibility or liability for the performance of the network, nor for any third-party products used in conjunction with this system.
Product dimensions and masses are approximate. Specifications are subject to change without notice.