PN3A-64FNH

64Ch NVR, 640Mbps, (2) NIC Cards, 8 HD Bays, Up to 16 Megapixel

Features

- Up to 16 Megapixel Resolution Recording
- 640 Mbps Bit Rate Input
- Supports up to 16 channel simultaneous playback
- Outputs - 1 HDMI (8K/4K), 2 HDMI (4K)*, 1 HDMI (1080p), VGA (1080p)
- True Facial Recognition Capable with Compatible Camera
- Smart Analytic Support/Including AI By ONVIF
- H.265S/ H.265+/ H.265/ H.264
- 8 Hard Drive Bays
- (2) NIC Cards: Connect Cameras via Switch Behind Closed Network
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) to manage multiple units & sites from a single platform
- Free MAC client software to easily manage your system from your Apple computer
- NDAA Compliant

If Using 8K on HDMI 1, HDMI 2 is Disabled

Model	PN3A-64FNH
System	
OS	Embedded Linux
Video	
IP Video Input	64CH
Network Bandwidth	Incoming: 640Mbps Outgoing: 640Mbps
Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x-1024/960P/720P/960H/D1/CIF
Output	HDMI1 7680×4320@60 7680×4320@30 3840×2160@60 3840×2160@30 1920×1080 1280×1024 1024×768 (When the resolution of HDMI1output is 8K, HDMI2 is unavailable) HDMI2: 3840×2160@60 3840×2160@30 1920×1080 1280×1024 1024×768 HDMI3: 3840×2160@60 3840×2160@30 1920×1080 1280×1024 1024×768 HDMI4: 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 1/4/6/8/9/13/16/25/32/36/64 AUX output 1 1/4/6/8/9/13/16/25/32/36 AUX output2 1/4/6/8/9/13/16 AUX output 3 1/4/6/8/9/13/16 Max. 132(64+36+16+16)
Compression	H.264/H.265/H.265+/H.265S
Audio	
Network input	64
Local Input	RCA×1 (for two-way talk)
Local Output	RCA×1
HDMI Audio Output	Support
Compression	G.711(U/A)
Record	
Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x-1024/960P/720P/960H/D1/CIF
Frame Rate	N:30fps; P:25fps
Playback	
Simultaneous Playback	16CH
Search	Time slice/time/event/tag/smart search
Function	Play, pause, FF, Rewind, digital zoom, previous frame, next frame, etc.
Decoding Capability	
Live View	1CH 16MP@30 / 4 CH 12MP(only available for main output)
Playback	1CH 16MP@30 / 4CH 8MP(only available for main output)

Ordering Information
PN3A-64FNH: 64 Ch NVR

InVid Tech, reserves the right to make changes to improve our products at any time without notice; we are not responsible for misprints.

Alarm	
Mode	Manual, sensor, motion, exception, smart events, etc.
Input	16CH
Output	4CH
Triggering	Record, snapshot, preset, e-mail, etct.
Face	
Face Detection Performance (AI by IPC)	64CH
Face Detection Performance (AI by Device)	4CH (By ONVIF)
Face Recognition Performance (for Non-True Face Rec Cameras)	16CH
Comparison Capability	36 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	Supports 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
Video Structure Analysis	
Human/Vehicle Classification (AI by IPC)	64CH
Human/Vehicle Classification (AI by Device)	8CH (By ONVIF)
Second Level Human/Vehicle Attribute Analysis	Yes
Other Functions	
Fisheye	Supports fisheye dewarping via NVR/Web Client/mobile APP
Plate Recognition (AI by IPC)	Yes
Network	
Protocol	TCP/IP, HTTP, HTTPS, 802.1x, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP
Interface	RJ45 10/100/1000Mbps ×2
Client Connection	Max. 128 users access
Mobile Device	
OS	iOS, Android
Storage	
HDD Interface	SATA×8 max 18TB per HDD
RAID Type	RAID0,1,5,6,10
E-SATA Interface	2 (Max 18TB, Record Only)
Port	
USB	USB3.0×1 USB2.0 ×2(Front:1) (Local Backup, USB to HDD,Max 1TB)
RS485	Yes (full-duplex), connect to PTZ
RS232	Yes
Reset	Yes
Remote Controller	Included
Others	
Power	ATX-200W
Consumption	≤50W (without HDD)
Dimensions	17.5 x 17.2 x 3.5in (445 ×436 ×90mm)
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , Directive 94/62/EC and REACH(EC1907/2006)
Working Environment	14°F ~ 122°F (-10 °C ~ 50 °C), 10% ~ 90% humidity