



PN3A-32F

32Ch NVR, 320Mbps, (2) NIC Cards, 4 HD Bays, 4K

Features

- Up to 12 Megapixel Resolution Recording
- 320 Mbs Bit Rate Input
- Supports up to 16 channel simultaneous playback
- Outputs - 1 HDMI (4K), 1 HDMI (1080p), VGA (1080p)
- True Facial Recognition Capable with Compatible Camera
- Smart Analytic Support
- H.265S/ H.265+/ H.265/ H.264
- 4 Hard Drive Bay
- Free Central Management Software (CMS)
- Free iOS & Android Apps for Smart Phones & Tablets
- Free MAC Client

Model	PN3A-32F
System	Embedded Linux
Video	
IP Video Input	32 CH IPC input
Incoming Bandwidth	320Mbps
Outgoing Bandwidth	320Mbps
IP Video Input Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
Output	HDMI1:3840 ×2160/1920 ×1080 /1280×1024/1024 ×768 VGA×1:1920×1080/1280×1024 HDMI2:1920×1080/1280×1024/1024 ×768
Main HDMI1 +VGA Multi-screen Display	1/4/6/8/9/13/16/25/32/36
Dual Multi-Screen Display	HDMI2 1/4/6/8/9/16
Compression	H.265S/H.265+/H.265/H.264
Audio	
Network Input	32 CH IPC audio input
2-way Audio	RCA × 1
Local Output	RCA × 1
HDMI Audio Output	Yes
Compression	G.711(U/A)
Record	
Record Stream	Dual stream recording
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280 12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280
Frame Rate	NTSC:30fps; PAL:25fps
Playback	
Playback	Max 16 CH
Search	Time slice / time / event / tag / smart search
Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
Function	Play, pause, FF, FB, digital zoom, etc.
Decoding Capability	
Live View/ Playback	1CH 12MP/4CH 5MP/9CH 720P/16CH 720P, 16Ch+ @D1

Alarm	
Mode	Manual, sensor, motion, exception, smart events
Input	16 CH local alarm input; support IPC alarm input
Output	4 CH
Triggering	Record, snap, preset, e-mail, etc.
Face	
Face Detection Performance (AI by IPC)	32CH
Face Detection Performance (AI by Device ONVIF)	4CH
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
External face picture enrollment	Resolution: 128 × 128~1920 ×1080 Size:≤ 70KB Format:jpg&jpeg
Face Picture Comparison	Support allow list, block list and stranger match alarm
Face Track	Yes
Map of Face Track	Resolution:≤ 2560 × 1920 Size:≤ 512KB Format : jpg&jpeg
Statistic Graph of Face Information	Bar graph (Exportable)
Statistic Mode of Face Information	Statistics by day, week, month, quarter as well as customized time period
Other Functions	
Fisheye Support	Supports Local Monitor, Web Browser (IE or Plugin Pro Required) and Mobile App
Network	
Interface	RJ 45 10 / 100 / 1000 Mbps × 2
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1X, RTSP, ONVIF
Client Connection	Max. 20 users access
Mobile Device	
OS	iOS, Android
Storage	
HDD	SATA × 4, max 18TB per HDD;
E-SATA	E-SATA × 1 (Max 18TB, Record only)
Backup	
Local Backup	USB, USB to HDD (Max 1TB)
Network Backup	YES
Port	
USB	USB 2.0 × 2; USB3.0 × 1
Remote Controller	Included
RS 485	Yes (full-duplex), connect to PTZ
Others	
Power Supply	ATX 250W
Consumption	≤ 50W (without HDD)
Dimensions (W × D × H)	17.3 × 15.4 × 2.8 in (440 × 390 × 70 mm)
Working Environment	14°F ~ 122°F (-10 °C ~ 50 °C), 10% ~ 90% humidity
Certificate	CE, FCC
Environment Protection	Directive EU RoHS, WEEE(2012/19/EU) , Directive 94/62/EC and REACH(EC1907/2006)

Ordering Information

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