

## PNRA10-32/S DeepinMind Series NVR



### Features and Functions

#### Human Body Detection

- Deep learning-based analysis: re-recognition of the human body target in behavior detection to filter false alarm

#### Video Input and Transmission

- Up to 32-ch IP cameras can be connected
- Connectable to the third-party network cameras

#### HD Video Output and Decoding

- H.265/H.265+/H.264/H.264+/MPEG4 self-adaptive
- HDMI1/VGA1 and HDMI2/VGA2 simultaneous outputs provided
- HDMI1 output at up to 4K (4096 × 2160) resolution

#### Storage and Playback

- Full channel recording at up to 12 MP resolution
- Up to 6 TB capacity for each HDD supported
- HDD hot swap with RAID0, RAID1, RAID5, RAID6 and RAID10 storage scheme configurable
- 12-ch synchronous playback at 1080p resolution

#### Smart & POS Function

- Supports multiple VCA (Video Content Analytics) events
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports VCA search for fire/ship/temperature/temperature difference detection triggered video files
- POS information overlay on live view and playback
- POS triggered recording and alarm

#### Professional and Reliable

- ANR technology to enhance the storage reliability when the network is disconnected
- Configurable normal or hot spare working mode to constitute an N+1 hot spare system

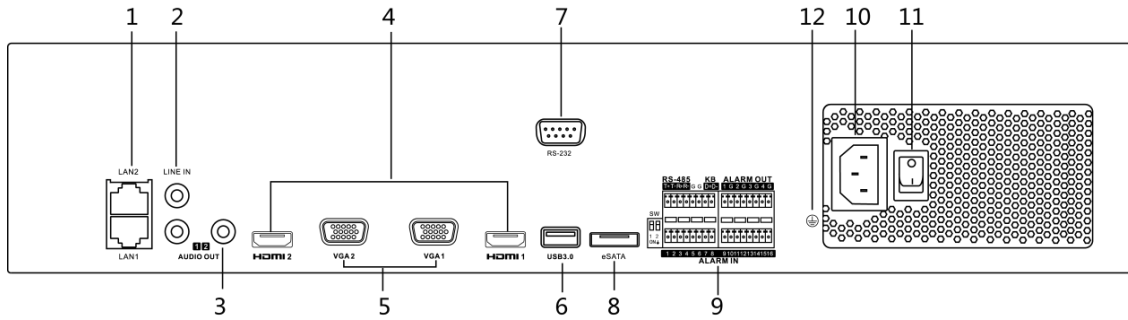
#### Network & Ethernet Access

- Hik Cloud P2P for easy network management
- 2 × RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface

## Specifications

Model	PNRA10-32/S	
Human Body Detection and Analysis	False alarm filtering	False alarm filtering for up to 16-ch behavior (line crossing, intrusion, region entrance and region exiting) detection
	Human body detection	Re-recognition of up to 16-ch human body pictures
Video/Audio input	IP video input	32-ch
	Incoming/outgoing bandwidth (RAID is enabled)	200 Mbps/200 Mbps
	Incoming/outgoing bandwidth (RAID is disabled)	256 Mbps/200 Mbps
Video/Audio output	Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	CVBS output (Optional)	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
	VGA1 /HDMI1 output resolution	VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	VGA2 /HDMI2 output resolution	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	Audio output	2-ch, RCA (Linear, 1 kΩ)
Decoding	Decoding format	H.265/H.265+/H.264/H.264+/MPEG4
	Live view/playback resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	Synchronous playback Capability	16-ch
		12-ch @ 1080p (30fps)
VCA	VCA detection	Human body detection, face detection, vehicle detection, line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception detection, sudden scene change detection, and defocus detection
	VCA search	Human body search, behavior analysis, face detection, fire/ship/temperature/temperature difference detection video files and pictures; people counting and heat map statistics
Hard disk	SATA	8 SATA interfaces
	eSATA	1 eSATA interface
	Capacity	Up to 6 TB capacity for each HDD
Disk array	Array type	RAID0, RAID1, RAID5, RAID6, RAID10
External interface	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 kΩ)
	Network interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
	Serial interface	RS-232; RS-485; Keyboard
	USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
	Alarm in/out	16/4 (16/8 is optional)
General	Power supply	220 VAC
	Max. power	200 W
	Consumption (without hard disk)	≤ 70 W
	Working temperature	-10 to +55° C (+14 to +131° F)
	Working humidity	10 to 90 %
	Chassis	19-inch rack-mounted 2U chassis
	Dimensions (W × D × H)	445 × 470 × 90 mm (17.5" × 18.5" × 3.5")
Weight (without hard disk)	≤ 10 kg (22 lb)	

## Physical Interfaces



Index	Description	Index	Description
1	LAN1/LAN2 Interface	7	RS-232 Interface
2	LINE IN	8	eSATA Interface
3	AUDIO OUT	9	Alarm In/Alarm Out, RS-485, KB
4	HDMI1/HDMI2 Interface	10	100 to 240 VAC power supply
5	VGA1/VGA2 Interface	11	Power Switch
6	USB 3.0 Interface	12	GND

## Available Models

PNRA10-32/S