

iNRA10-32-S

DeepinMind Series NVR



Features and Functions

Human and Vehicle Analysis

- Deep learning-based human and vehicle target classification improves false alarm filtering effect

Video Input and Transmission

- Up to 32-ch IP camera input for iNRA10-32-S
- 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 resolution

Storage and Playback

- Full channel recording at up to 12 MP resolution
- Up to 10 TB capacity for each HDD supported
- HDD hot swap with RAID0, RAID1, RAID5, RAID6 and RAID10 storage scheme configurable
- 16-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-Connect for easy network management
- 2 × RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface



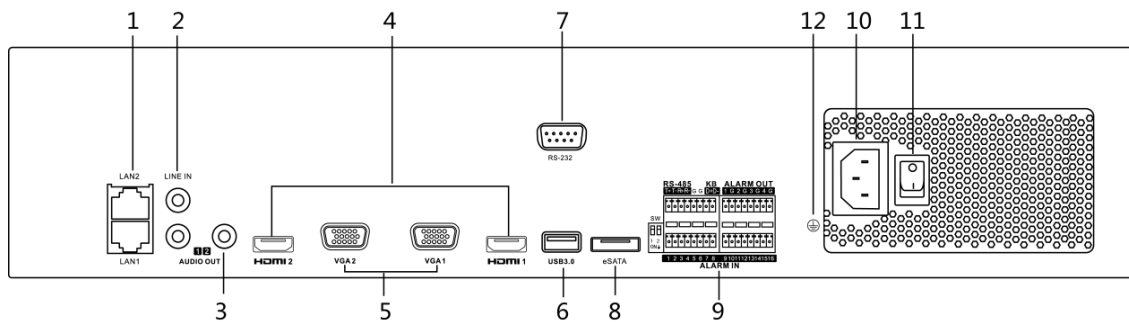
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Specifications

Model	iNRA10-32-S	
Human/Vehicle analysis	False alarm filtering	Up to 16-ch 2 MP video analysis for human and vehicle recognition to filter false alarm
Video/Audio input	IP video input	32-ch
	Incoming/outgoing bandwidth	320 Mbps/250 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	16-ch
	Capability	16-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
Hard disk	SATA	8 SATA interfaces
	HDD type	3.5 " HDD
	eSATA	1 eSATA interface
	Capacity	Up to 10 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 k Ω)
	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	100 to 240 VAC, 50 to 60 Hz
	Total 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