AI NVR

VSR-AI1608

Features

- Embedded Linux System, Industrial Level Embedded Controller
- Both WEB and Local GUI Similar Menu Operation
- Support Onvif Protocol IPC
- Support IPv4、HTTP、NTP、DNS、ONVIF Protocol;
- Support Max 16ch IPC input, Network Ability: Input 160Mbps,Storage 160Mbps,Transfer 160Mbps, Playback 80Mbps
- Support 4K/5M/4M/3M/1080P/1.3M/720P IPC Resolution Input
- Support 16ch x1080P Decoding, Support Max 16ch 1080P Playback.
- Support 4/8/16 HDD, Each HDD Support Up to 8TB,Can Config to One Disk
- Support IPC Composite Audio 1ch Input and Output
- Support 16ch Alarm Input,5ch Alarm Output
- Support 3 USB Port ,2 USB2.0 in front and 1 USB3.0 in back
- Support 2 Gigabit Ethernet Port, Support IPC Input by 2 Different Segment IP Address
- Support Auto-Adjust Fan Speed By Smart Detect Internal Chassis Temperature
- Support 8ch(Video Stream or Picture Stream)People、Vehicle、Non-Comparison Control Alarm, People: Gender、Age、Direction、Glasses、Clothes Texture、Style、Color. Vehicle: License、 Brand、Model、Year Type、Color、Plate Type、Plate Color、Co-Driver、Phone Call、Safety Belt、Dangerous Chemical、Age Mark and so on
- Support Advanced Search Picture by Channel、Time、Structured Property and Relate to Video Record Playback
- Support Search By Images, Can Set related Similarity Threshold To Search
- Support Black or White List to Realize Realtime Control Alarm
- Support More than 10Million Data Level Dynamic Lib Search, Search Result In One Second From the Million Dynamic Lib Data
- Target Search Out Rate Daytime >93%，Nighttime>90%; Target Search Out Failure Rate Daytime<3%, Nighttime<5%

		Specification
System	Main Processor	Industrial Embedded Controller
	Operation System	Embedded Linux Operation System
	System Resource	16ch NVR Max Access 160Mbps IPC Stream
	Operation Menu	WEB and Local GUI Menu
Audio	Audio Input	1ch MIC Voice Intercom Audio Input
	Audio Output	1ch MIC Voice Intercom Audio Output
	Compression Standard	G.711a、G.711u、PCM、G.726
Video	Video Input	16ch
	Video Output	1ch VGA Output ,2ch HDMI Output
	Compression Standard	H.264、H.265
	Multiple Channel Viewing	Support 1、4、9、16 Viewing
Alarm	Alarm Input	16ch
	Alarm Output	5ch
Decoding	Decoding Type	MJPG、H.264、H.265
	Decoding Ability	4ch 4K or 16ch 1080P Decoding
AI Parameter	Function	8ch Pedestrian、Non-Motor、Vehicle Structured Detection and Recognition or 8ch Face、Pedestrian Structured Detection and Recognition, Search By Image
Functionality	Record Mode	Manual Record、Motion Detection Record、Schedule Record、Alarm Record Record Priority: Manual > Alarm > Motion Detection > Schedule
	Multiple Channel Playback	Support Up to 16ch 1080P Playback Simultaneously
	Motion Detection	Support
	Region Mask	Support
	Record Save	Cycling Overlay
	Back Up	U Disk
Interface	Network Protocol	IPv4、HTTP、NTP、FTP、ONVIF（support 2.4 version)
	SATA	2U 4/8HDD, 3U 16HDD
	RS232	1 port, Used for Transparent Serial Port
	RS485	1 port, Used for Control PTZ, Support Multiple Protocols
	USB	3 port, 2 USB2.0 in front; 1 USB3.0 in back
	HDMI	2 port, HDMI1 1080P@60HZ, HDMI2 4K@60HZ
	Network	2 RJ45 10/100/1000Mbps Auto Adjust Ethernet Port
	Power	1 Power Port, Input 100V-240V, 50Hz~60Hz
	Fan	Speed Adjustable Fan
	Indicator Light	4/8 HDD Model One System Running Indicator Light, One Network Indicator Light 16 HDD Model Add 16 HDD Indicator Light
General Parameter	Consumption	18W MAX（No HDD)
	Working Temperature	-10℃~55℃
	Weight	4/8/16 HDD:3Kg/4Kg/5Kg
	Installation Way	Desk Type/Rack Installation