AI Video Analysis Server – VZBOX

Smart Community Infrastructures

- Edge-side smart brain
- Embedded system platform with high-stability computing power
- Structured analysis of full-size targets
- Front-end deployment of recognition algorithm
- Scenario-based VZ intelligent video analysis algorithm
- Support secondary development on the user side

Technical Specifications

Basic	Model	AI Video Analysis Server
Analytical Ability	16-channel General IPC	16-channel 200W; 8-channel 400W; 4-channel 800W;
	48-channel Capturer	200W capturer
	Mixed Mode	Capturer + general IPC 3-channel capturer amounts to 1-channel general IPC
Intelligent Algorithm	Face Capturing	Face region, manual capturing of portrait, face/head frame overlay, intelligent face capturing, face tracking, face capturing, extraction of structural features of face, capturing statistics, face/head tripwire count, human shape detection
	Face Recognition	1:1 face matching, 1:N face matching, similarity configuration
	Vehicle Recognition	Overseas license plate, license plate recognition features, license plate anti-counterfeiting, unlicensed vehicle trigger, white list of license plates, intelligent calibration
	Region Counting	People/vehicle count on a large scene
	Diversification	Intelligent alarm failure detection, algorithm store
Intelligent Search	Smart Search Function	Search by capturing attributes, search by images, search by base information
Interface	Network Interface	2-channel 10/1000Mbps adaptive RJ45 port
	Other Interfaces	IO output: 2-channel, IO input: 4-channel, RS485: 2-channel
	AUDIO	1-channel input+1-channel output (support active loudspeakers only)
	USB	1-channel USB2.0 (rear panel); 1-channel USB3.0 (front panel)
	TF Card Slot	1-channel TF card slot, supporting 512G at maximum
	SATA	Extension to hard disk
Management	Service	Basic services, supporting various types of secondary development

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