Intelligent Video Behavior Analyzer

IVServer 6500-48CH4U

产品型号

IVServer 6500-48CH4U

Product Overview

The Intelligent Video Behavior Analyzer is a new generation of intelligent video product developed independently by the company with a cross-generational significance.
The product retains the advantages of embedded technology, such as front-end analysis with low bandwidth, stable system with fast response, and secure data without viruses, and integrates the advantages of platforms, such as flexible compatibility with multiple brands, low cost of intelligent migration, easy operation and upgrade, and double security for backup.

The product is also a high-performance embedded media gateway device that integrates core functions such as media protocol conversion, media distribution service, and multi-video decoding. It can be used for converting and decoding video content of different systems, manufacturers, types, and encodings. Combined with cloud platform services, it enables mobile phone video monitoring. The server can be used independently or through flexible networking to support large numbers of users and multiple concurrent server clusters.

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彩色CCD	实时视频流	D1 720×576	日夜转换	网络摄像机

区域入侵检测	绊线穿越检测	围栏攀爬检测	自动PTZ跟踪	遗弃物品检测	偷盗行为检测	超时停车检测	徘徊检测	烟火检测
人数统计	画中画	超宽动态	异常检测	设置规则	识别目标	自动跟踪	手动跟踪	接力跟踪
区域离开	逆行检测	异常奔跑检测功能	打架检测	聚众检测	门禁尾随检测		人脸检测	

Features

➢ The intelligent video behavior analysis algorithm has been independently developed and has obtained multiple international invention patents.

➢ The algorithm has high accuracy with "zero missing alarm and low false alarm".

➢ The rules are comprehensive, targeted, applicable, highly sensitive, and with high recognition rate.

➢ The alarm delay is less than 1s.

➢ It supports various monitoring devices and platforms such as Hikvision, Dahua, Huawei, etc.

➢ It is fully compatible with the ONVIF and RTSP protocol.

➢ Supports multiple video decoding such as H.265/H.264/MJPEG.

➢ Supports mobile systems to play video using 3G/4G networks.

➢ Provides flexible third-party interfaces for secondary development.

➢ The platform supports management devices to access via the SDK or the ONVIF protocol.

➢ The product is designed according to industrial standards to achieve high reliability, stability, and long-term continuous operation requirements.

Technical Specifications

Product model	**IVServer 6500-48CH4U**
Product name	Intelligent Video Behavior Analyzer

CPU	Intel I7 12th generation（12 cores 20 threads）processor ,25M cache		
Memory	32GB DDR4 3200MHz×2		
GPU	Professional GPU with 8G memory and 2560 CUDA Cores		
Hard disk	2TB, Surveillance-grade		
Performance	Video input	48 channels	
	Intelligent analysis	48 channels	
Intelligent functions	perimeter intrusion	blockage of business operations	courier recognition
	area intrusion	mobile vending	shared bike recognition
	water intrusion	illegal parking	muck truck recognition
	lingering loitering	Illegal retrograde	Cat and dog recognition
	customer entry	Illegal dumping	customer flow density (heat map)
	customer exit	illegal lane change	video occlusion
	region density	littering	video loss
	region area	uncivilized dog walking	
	gathering of people	children without supervision	
Video	Encoding	H.265/H.264/MPEG4/M-JPEG	
	Network interface	RJ45 Ethernet	
	Frame rate	1～25/30 frames/s	
	Configuration	Local or remote	
	Transport protocols	TCP/UDP	
	Application Protocols	ONVIF/HTTP/RTSP	
	Remote upgrade	Support	
Dimensions	450mm（L）×482mm（W）×178mm（H）, with screen		
Power consumption	600W		
Watchdog anti-crash	USB 2.0		
Auto Power-On	Support		
Environment conditions	Operating temperature: -10℃ to 60℃ Humidity: 0% to 90% non-condensing		

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Network diagram