DATASHEET

Intelligent Edge Computing Server

ECS-50B-XP(-HD) Series

Key Features

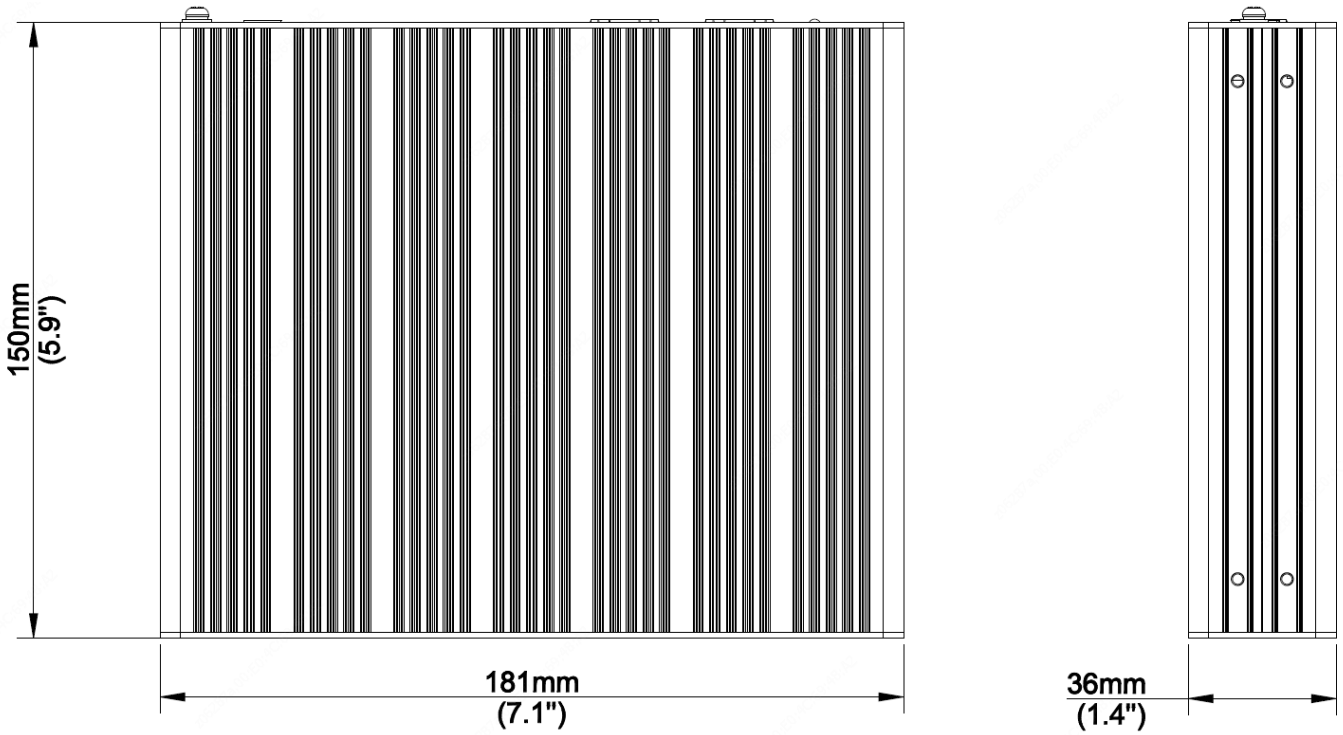
- Supports video stream based face detection and face comparison, monitoring with 50000 face images.
- Supports video stream based smart intrusion prevention (SIP).
- Supports video stream based behavior analysis, and provides no helmet detection, no chef hat detection, no work clothes detection, smoking detection, smoke and fire detection, calling detection, no mask detection, rat detection, long stay detection, fall detection, fight detection, absence detection, people counting and heat map.
- Can connect 4/8-channel Onvif or RTSP compliant third-party IP cameras.
- Two 10M/100M/1000M network interfaces (RJ45).
- Supports browser-based access and control.
- Supports custom RESTful API and reporting real-time data to a specified server.

Specifications

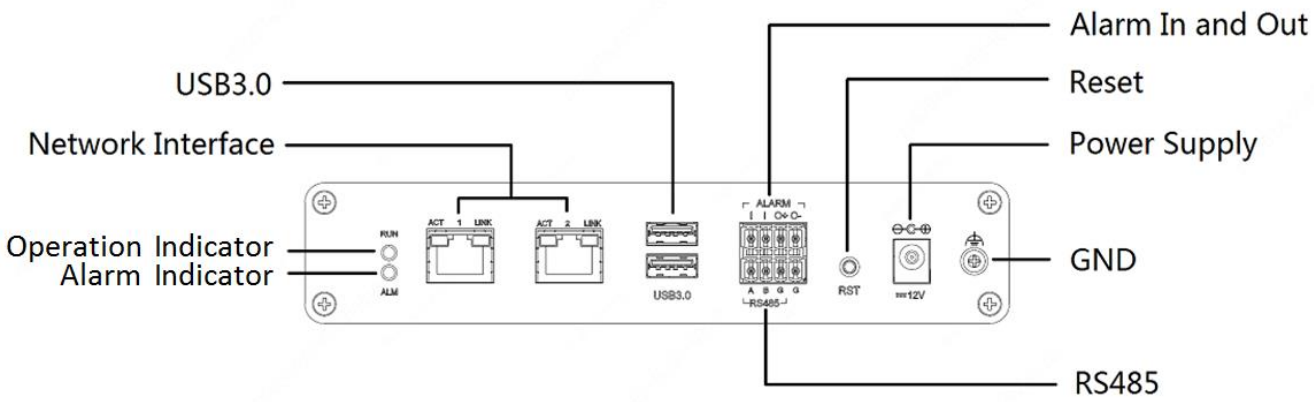
Model		ECS-504B-XP	ECS-504B-XP-HD	ECS-508B-XP	ECS-508B-XP-HD
IP video input		4-ch		8-ch	
Decoding capability		4 x 8MP@30 (1080P is recommended)		8 x 8MP@30 (1080P is recommended)	
Incoming bandwidth		64Mbps			
Outgoing bandwidth		64Mbps			
Smart	Video stream based face recognition	4-ch		8-ch	

	Face library capacity	128 face libraries, total 50,000 face images			
	Video stream based SIP	4-ch		8-ch	
	Video stream based behavior analysis	4-ch (At same channel, behavior analysis, SIP, face recognition cannot be enabled simultaneously.)		8-ch (At same channel, behavior analysis, SIP, face recognition cannot be enabled simultaneously.)	
	Behavior analysis type	No helmet detection, no chef hat detection, no work clothes detection, smoking detection, smoke and fire detection, calling detection, no mask detection, rat detection, long stay detection, fall detection, fight detection, absence detection, people counting, heat map			
	Snapshot storage	NA	2 millions records for face recognition. 2 millions records for behavior analysis and SIP.	NA	2 millions records for face recognition. 2 millions records for behavior analysis and SIP.
Hard Disk		NA	Including 2.5” 1TB HDD	NA	Including 2.5” 1TB HDD
External interface	Network interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet interfaces			
	USB interface	2 x USB3.0			
	Serial interface	1 x RS485 (phoenix connector)			
	Alarm in	2-ch			
	Alarm out	1-ch			
General	Power supply	12V/2A Power Consumption: ≤24 W (without HDD)	12V/3A Power Consumption: ≤36 W (with HDD)	12V/2A Power Consumption: ≤24 W (without HDD)	12V/3A Power Consumption: ≤36 W (with HDD)
	Working Environment	-20°C ~ + 60°C (-4°F ~ +140°F), Humidity ≤ 95% RH (non-condensing)			
	Weight	≤1kg (2.20lb) (without HDD)	≤1.15kg (2.54lb) (with HDD)	≤1kg (2.20lb) (without HDD)	≤1.15kg (2.54lb) (with HDD)
	Dimensions	181.0mm(W) × 150.0mm(D) ×36.0mm(H)			

Dimensions



Rear Panel



Zhejiang Uniview Technologies Co., Ltd.

Building No.10, Wanlun Science Park, Jiangling Road 88, Binjiang District, Hangzhou, Zhejiang, China

Email: overseasbusiness@uniview.com; globalsupport@uniview.com

http://sgcdn.uniview.com

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* Product specifications and availability are subject to change without notice.