ECS-B300-I1@8-B(-HD) Intelligent Edge Computing Server
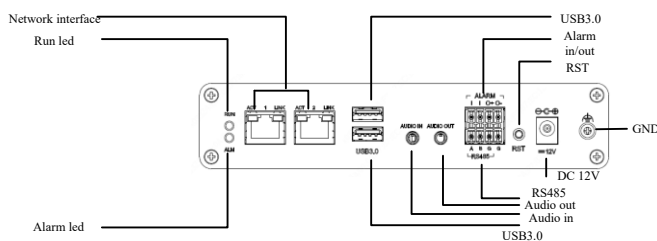
Overview

ECS-B300-I1@8-B(-HD) is a Uniview proprietary intelligent edge computing server with deep learning algorithms that can implement smart applications such as face recognition and behavior analysis. Abundant APIs are provided to meet the needs of different application scenarios and to enable the upgrade of legacy devices to smart devices. This product is suitable to projects such as smart communities, smart construction sites, and smart campuses.
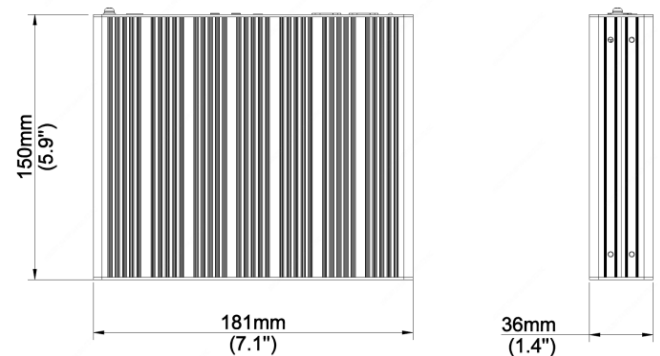
Appearance

Interfaces

Dimensions

Features

- Supports video stream based face recognition and comparison, and monitoring with 100,000 faces.
- Supports video stream based behavior analysis, and provides safety helmet detection, chef hat detection, smoking detection, fire & smoke detection, phone call detection, motion detection.
- Can connect 8-channel Onvif or RTSP compliant 3rd-party cameras.
- Two 10M/100M/1000M network interfaces (RJ45).
- Supports browser-based access and control

Order Info

- ECS-B300-I1@8-B
- ECS-B300-I1@8-B-HD

Specifications

Model		ECS-B300-I1@8-B	ECS-B300-I1@8-B-HD
Video input		8-channel 2MP H.265 or H.264 cameras	
Input bandwidth		64Mbps	
Output bandwidth		64Mbps	
Smart	Video stream based face recognition	8 channels	
	Face library capacity	Supports 128 face libraries, total 100,000 face images	
	Video stream based behavior analysis	8 channels (cannot enable with face recognition simultaneously)	
HDD	Type	None	Including 2.5" 1TB HDD
Interface	Network interface	2*10M/100M/1000M adaptive Ethernet interfaces (RJ45)	
	USB interface	2*USB3.0	
	Serial interface	1*RS-485 (phoenix connector)	
Others	Power supply	12V/2A	12V/3A
	Power consumption (without HDD)	≤ 24W	≤ 36W
	Operating temperature	-20°C ~ + 60°C	
	Operating humidity	5% ~ 95% (non-condensing)	
	Weight	≤1kg (without HDD)	≤1.2kg (with HDD)
	Dimensions	36.0mm(H)×150.0mm(D)×181.0mm(W)	