Edge Face Recognition Server

Introduction

Edge face recognition server, adopting high-density GPU structure, integrates with intelligent facial recognition algorithm based on deep learning. By recognizing, analyzing, and modeling human faces, edge face recognition server boasts features like list arming, face picture comparison, search by face picture, and people frequency counting.

Ideal for face recognition, edge face recognition server can be widely applied in both business buildings and industrial park area, covering such fields as public security, transportation, financial, education, medical and energy.

Features and Functions

- Facial Features Recognition

  Recognize facial features, such as gender, age, wearing glasses, smiling, etc.

- Audio Alarm

  An audio alarm will be triggered if a targeted face picture in the list library is detected.

- Face Picture Comparison

  Compare two face pictures and analyze their similarities rapidly and precisely.

- Face Picture Query

  Search face pictures by camera location, facial features and time schedule.

- Identification Confirmation

  Confirm personnel identification in accordance with face picture, name, ID number, etc.

- Search by Face Picture

  Retrieve similar face pictures in the face picture library according to the given face picture.

- People Frequency Counting

  Support setting specific time period and frequency limit for analyzing and counting people frequency. An alarm will be triggered if it exceeds the threshold value.

Specifications

Model		DS-IE6316-EL/FA	DS-IE6332-EL/FA
Capture camera	Analysis Capacity	16	32
	Resolution	Up to 8 MP	
Normal IP camera	Analysis Capacity	4	8
	Resolution	720 P to 8 MP	
Imported picture	Resolution	Up to 16 MP	
	Format	JPEG, JPG, BMP, PNG, TIF	
List library	Capacity	Up to 128 blacklist libraries and 1 million blacklist pictures	
Data storage	Capacity	1 million face pictures for face capture library	
	Hard Disk	1 × built-in 2.5 inch 64 GB SSD, 1 × built-in 2.5 inch 1 TB enterprise HDD	
External interface	USB	4 × USB 3.0 interfaces	
	VGA	1 × VGA interface	
	Network	2 × Gigabit RJ45 interfaces	
General	Chassis	19-inch 1.5U chassis	
	Power consumption	200 W	
	Working temperature	5°C to 55 °C (41 °F to 95 °F)	
	Storage temperature	-40 °C to 70 °C (-40 °F to 158 °F)	
	Working humidity	10% to 90% (no condensation)	
	Dimensions (W × D × H)	440 mm × 390 mm × 70.5 mm (17.3 inch × 15.4 inch × 2.8 inch)	

Available Models

- DS-IE6316-EL/FA
- DS-IE6332-EL/FA

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