

UCAM-130B

3D Smart Counting Camera Human Head Detection



Features

- Intelligent all-in-one device for data capture, analysis and delivery
- Easy installation and configuration via web browser
- High counting accuracy rate up to 98%
- Low requirement on lighting, applicable for use both indoor and outdoor
- Excluding/including children, filtering objects including shopping carts, balloon, shadow, etc
- Local storage data for counting report
- Comprehensive API for data integration

Introduction

UCAM-130 3D Smart Counting Camera embeds data capturing and stereo vision analytics into one single device, which is the most affordable, world-leading 3D intelligent sensor for brick-and-mortar businesses and organizations to build major applications based on highly accurate footfall traffic intelligence. With strong data capturing and computing capability embedded in an ARM structural edge device, the sensor supports the most prevalent applications such as bi-directional footfall traffic counting and height filtering. The sensor is designed with a larger view to cover a greater area for saving your total cost of development. Up to three sensors can be joined through path-link for covering wide entrances while minimizing duplicate count in overlapping areas. Other distinctive features include multi-zone data collection, video output for validating count accuracy, etc. With an open interface and good compatibility, UCAM-130 enables businesses to integrate people counting systems with other systems such as ERP, CRM, or Business Intelligence. The device also supports recessed and wall mounting or ceiling mounting for flexible installation while blending in with any interior or exterior.

Advantages

Higher Accuracy

UCAM can capture 15 frames per second and contains bi-directional traffic flow counting technology which enables a better data processing efficiency and reaches counting accuracy up to 98%.

Simple Install and Scale Up

Recessed mounting design of UCAM can fit with the sophisticated decoration of the retail stores. With power over Ethernet, the UCAM only require installing one cable to enable both network and data transmission which would speed up the install efficiency to large amount implement.

Comprehensive Data Integration

UCAM collects the counting data and packaged them into an XML format that can be retrieved quickly through RESTful API, thus can be customized and integrated to any solutions.

Simple Setting

Only require 1x network port for power supply and data transmission purpose is required in the installation process. The data remains in the device to 60 days even if the network disconnected.

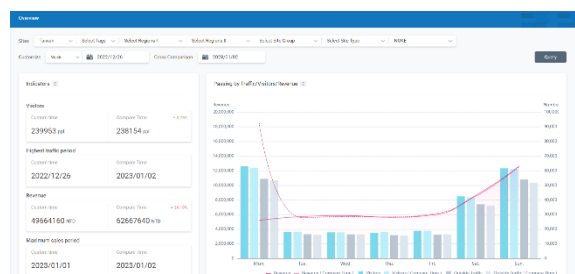
People Counting Analytic

The device integrates video analytic and data management at the edge, providing a 98% of counting accuracy in large traffic circumstance.



Traffic Report

Users can purchase the UCAM 3D Camera with Traffic Report on-premises service. With open RESTful API supported, users can integrate the data and optimize the store management through SaaS service in a more efficient way.

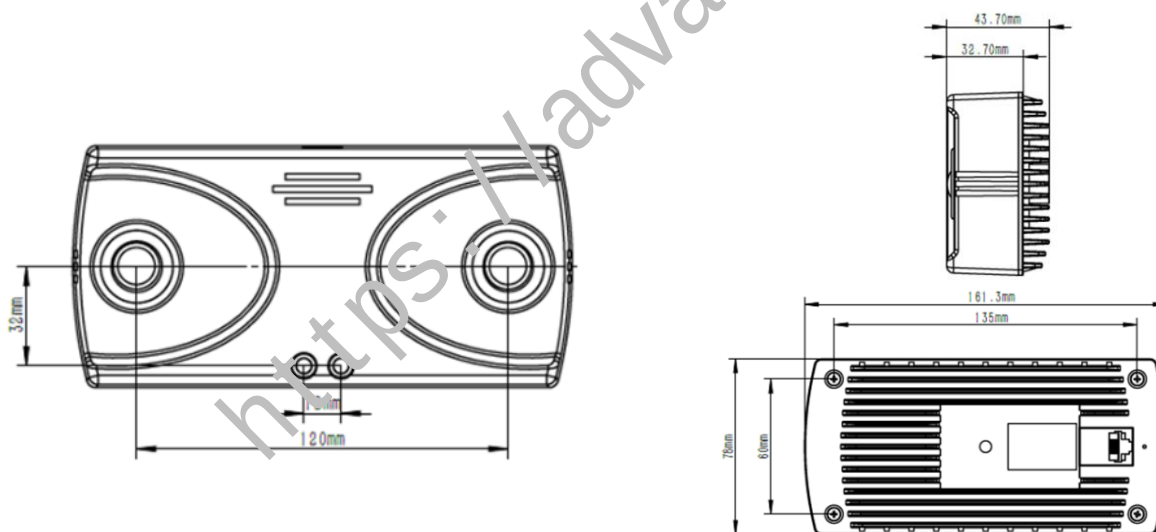


Specifications

Software	Counting Type	Head Detection
	Software Feature	Counting
Hardware	Materials	Shell: Flame Retardant Polycarbonate (UL94 V-0 Flame Class Rating or Equivalent)
	Device	162 x 78 x 44 mm
	Package Box	253 x 168 x 143 mm
	Weight	0.5kg
	Power	10W
	Lens Options	1.9m wide-angle lens
	Internal Storage	512MB DDR3
	Flash	8GB EMMC
	Network	100M Ethernet
	RTC working time	Minimum 3 days after a power outage
	LED	2 two-colored LED
	Power Supply	13.5W POE, IEEE 802.3af PoE Class 3
Work Environment	Working Temperature	0°C – 50°C
Function	Mounting Height	2.3m – 5m
	Mounting Angle	Support horizontal or tilt installation Up to 45°. Tilt installation may degrade counting accuracy.
	Maximum Counting Area	8
	Maximum Tracking Capability	20 - 100 people simultaneously
	Data Preserve	Maximum 2 months data preserved after network disconnect (subject to configuration setting)

Dimensions

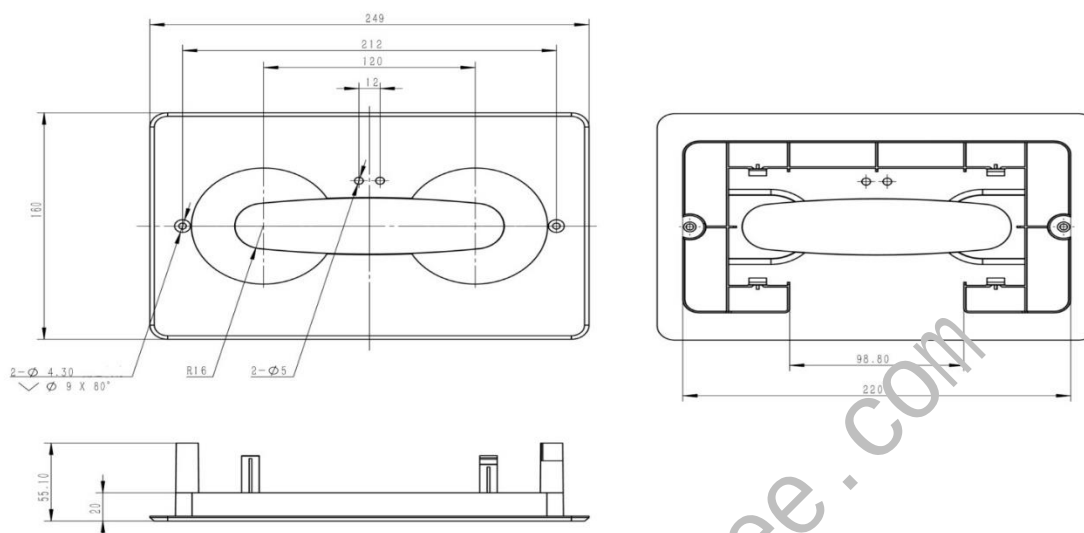
UCAM-130B



Recessed Mount

Unit: mm

UCAM-130B



Ordering Information

Part Number	Description
UCAM-130B-U01	3D Smart Counting Camera(1.9 mm) with recessed mounting kit