Features

- 9MP industrial camera with wide field of view.
- Excellent performance in low light environments.
- Shipped with an Ethernet extension cable for easy operation.
- Advanced H.265 encoding technology improves compression efficiency.
- Three streams are available for live view and storage to meet different bandwidth and frame rate requirements.
- Violation detection: speeding.
- Vehicle feature recognition: license plate, vehicle color, vehicle type, logo, model, etc.
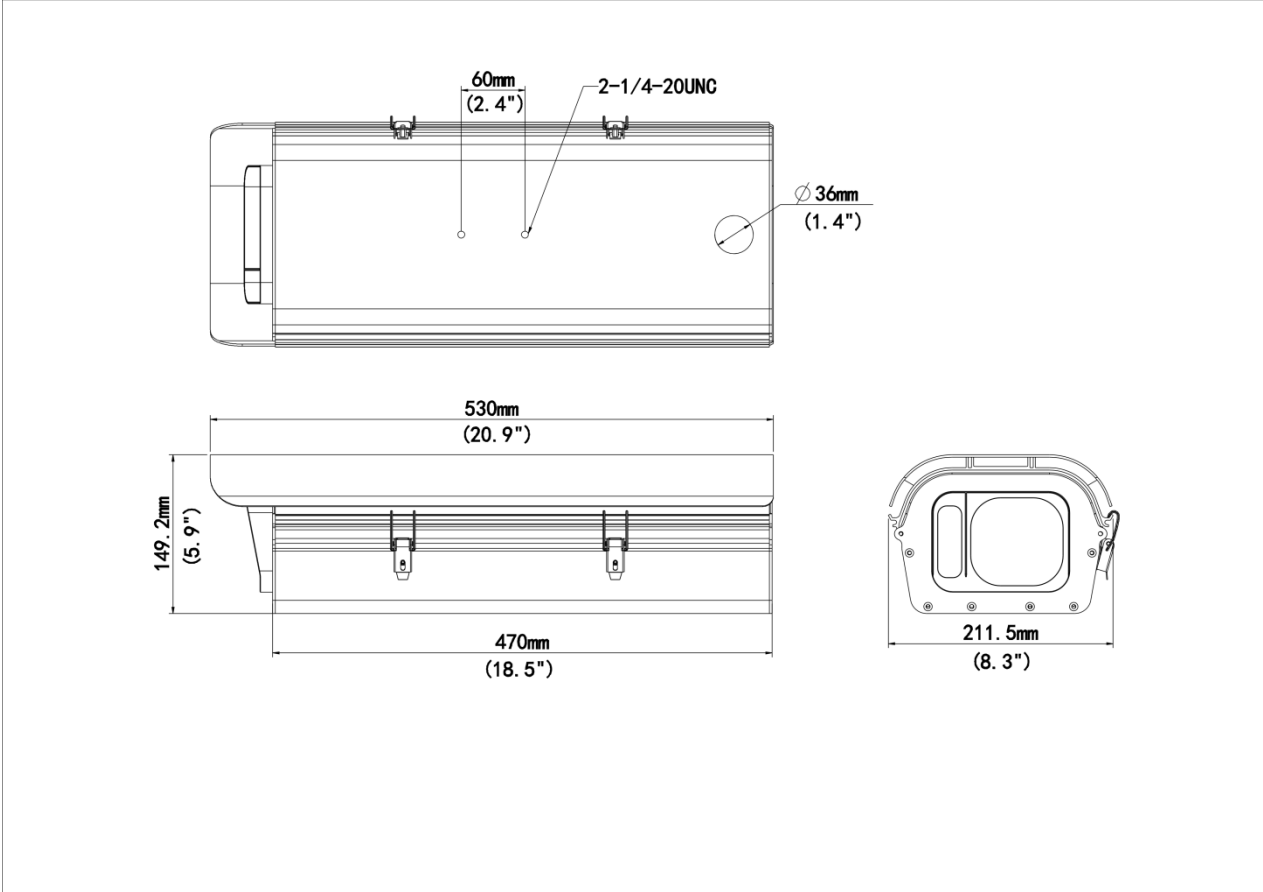
Specifications

Model	HC191@GI-OS
Camera	
Sensor	1.1'' 9MP Global Shutter CMOS
Min. illumination	Color: 0.001 Lux, 0.0005 Lux with IR
Image settings	Shutter, gain, white balance, WDR
Image/video	
Acquisition format	4096×2160@50fps
Video compression	Video compression H.265, H.264, MJPEG
Frame rate	Up to 50fps
Image resolution	4096x2160
Video resolution	Main stream: 4096×2160, 1920×1080, 1600×1200, 1280×720 Sub stream: 4096×2160, 1920×1080, 1600×1200, 1280×720, 720×576, 704×288, 352×288 Third stream: 720×576, 704×288, 352×288

Video OSD	Supports various overlays such as date and time with adjustable font size, font style, font color, etc.
Image OSD	Supports various overlays with adjustable overlay position, overlay order, font size, font style, font color, etc.
ROI	Supports up to 8 ROIs
Functions	
Vehicle detection mode	Radar, video
Illumination type	Built-in strobe light with adjustable brightness Optional external all-in-one light (infrared flash & white flash & infrared strobe)
Image composition	Image composition Support
Image size	Adjustable
Smart-PL	Built-in
Interface	
I/O control	4 × synchronous signal output interface (switch) 8 × synchronous signal output interface (TTL) 8 × signal input interface (switch) 2 × standard relay interface Control interface: 4 × RS485, 1 × RS232
Network	2 × RJ45 10M/100M/1000M Base T adaptive Ethernet interface
Reset button	1
Storage	
Front-end storage	32GB eMMC, supports up to 256G micro SD (TF) card expansion
Automatic Network Replenishment (ANR)	Support
General	
Power supply	AC220V±25%
Power consumption	Camera 12W, heating 12W, fan 1W, built in LED 10W
Dimensions	530mm×211mm×149mm
Weight	5.96kg
Operating environment	-40℃ to 70℃, 10% to 90% RH (non condensing)
Lightning and surge protection	Support
Ingress protection	IP65
Certification	
EMC	CE LVD：IEC 62368-1:2014
Safety	CE EMC：EN 55032:2015+A11:2020+A1:2020 　　　　　　EN 61000-3-3:2013+A1:2019+A2:2021 　　　　　　EN IEC 61000-3-2:2019+A1:2021 　　　　　　EN 50130-4:2011+A1:2014
LPR	
Vehicle brand detection	Alfa Romeo, Aston Martin, Audi, Bentley, BMW, BYD, Chevrolet, Citroen, Ferrari, Fiat, Ford, Foton, Golden Dragon, Higer,Hino, Honda, Hyundai, Isuzu, Jaguar, Jeep, Kia, Land Rover, Lexus, Maserati, Maxus,　Mazda, McLaren, Mercedes Benz, MG, MINI, Mitsubishi, Nissan, Opel, ORA,

	Peugeot, Polestar, Porsche, Renault, Rolls Royce, SEAT, SKODA, Smart, SsangYong, Subaru, Suzuki, Tesla, Toyota, Volkswagen, Volvo, Infinti, BAW, Dodge, DongFeng, FEIDIE, KingLong, Everus, Chery, SinoTruk, SAAB, Yutong, Proton, Chrysler, Daihatsu, Datsun, Geely, Hafei, Zotye, Man, Scion,
Supports multiple countries	North America: USA, Canada Northeast Europe: Slovenia, Poland, Czech Republic, Slovakia, Latvia, Belarus, Ukraine, EU: France, Spain, Portugal, Germany, United Kingdom, Ireland, Bulgaria, Romania, Hungary, Luxembourg, Serbia, Bosnia and Herzegovina, Greece, Croatia, Middle East: Iraq, Saudi Arabia, UAE (Dubai) Southeast Asia: Singapore, Malaysia, Indonesia, Northeast Asia: South Korea, Africa: Egypt

Dimensions

Accessories

RD107@A-6-OS
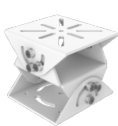
Multi Lane Speed Radar

RD106@A-1-OS

Single Lane Speed Radar

TR-UV06-A-IN

3D Adjustable Mounting Bracket

LAMP-IH25@M3-F-OS

LED Infrared Strobe Flash Infrared White

Light Explosion Flash Integrated Lamp

LAMP-IS16@A-F-OS

Infrared Strobe Lamp

Ordering Info

Product Model	Config	Description
HC191	GI-OS	ITS 9MP Infrared-Checkpoint-Capture-Units (Sky-eye III)

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