

C30

4G intelligent camera

The C30 intelligent camera is an integrated video positioning monitoring terminal specially designed for trucks, trailers, construction machinery, agricultural machinery, and logistics vehicles, integrating Beidou / GPS dual-mode precise positioning, With 1080P high-definition night vision recording, intelligent security alarm, and multiple functions in one, combined with an external audio pickup accessory, it realizes real-time tracking of vehicle location, 24-hour recording of on-site scenes, proactive warning of abnormal risks, and one-stop solution for fleet supervision, driving evidence collection, and asset security control.



Fleet management



Engineering vehicle tracking



Special vehicle monitoring



Truck tracking

**LTE Cat 1 Network**

Stable communication via IoT-specific 4G LTE networks, with 2G fallback.

**GPS & BDS & LBS & BLE Positioning**

A synergy of multiple positioning systems ensures that locations are accurately displayed on the cloud platform.

**Wide voltage input design**

Supports car power supply 9-50 V DC input. If the device detects that the battery voltage is too low, it will automatically shut down and enter low voltage protection state to ensure that the vehicle can start normally.

**IP66 Dust & Water Resistance**

Rugged design ensures continued optimal performance, even in the toughest conditions.

**Tamper Alert**

Receive a tamper alert when the light sensor of the device detects any change in ambient light, which can be disabled via a command.

**Regional intrusion alarm**

Built-in microphone and speaker, when someone intrudes into the monitored area, the camera will automatically report the warning and emit an alarm sound.

**Flexible Installation**

The device can be installed via the standard configuration - screws or via an optional configuration - the inbuilt magnet, 3M double-sided adhesive tape, or cable ties.

**High-definition video**

Using 1080P high-performance image processing chip, H.265 encoding, high compression ratio, clear image

Standard Configuration

Positioning & Location

Technology	GPS, BDS, LBS
Accuracy	<2.5m CEP
Tracking sensitivity	-165dBm
Acquisition sensitivity	-148dBm
TTF (open sky)	Avg. hot start ≤1sec; Avg. cold start ≤32sec

Cellular

Technology	LTE Cat 1, GSM (E)
	LTE-FDD: B1/B3/B5/B7/B8/B20/B28
	LTE-TDD: B38/B40/B41
Frequency	GSM: B2/B3/B5/B8 (GL)
	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B18 /B19/B20/B25/B26/B28/B66
	LTE-TDD: B38/B40/B41
	GSM: B2/B3/B5/B8

Power

Working voltage	9~50V
Working current	24V 250mA (full load)
Video mode	24-hour video recording, alarm video recording
Picture mode	Infrared / Full color

Interface

LED indication	Power (green)
SIM	Nano-SIM
Memory capacity	Maximum supports 256G TF card
Tamper proof	Power outage alarm
sound and video	Built-in speaker and microphone
GNSS antenna	External
serial port	Supports 1 RS485 channel

Feature

video irradiation range	30 meters range
Sensors	Light sensor、G-sensor
Scenarios	Low battery alert, Regional intrusion alarm Geo-fence entry & exit alert
Night vision light	Support
Picture mode	1080P/3MP/5MP
Mount method	Magnet or screws
Configuration support	SMS, Online command, App
Certification	CE

Operating environment

Operating temperature	-20℃ to +60℃
Operating humidity	5% to 95%, non-condensing
IP rating	IP66

Physical specification

Dimensions	80*87*90mm
Weight	510g

Standard Packing

C30 unit	1
power cable	1

Optional Configuration*

Fuel sensor	K25Fuel level sensor
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*Optional Configuration required to be customized or purchased separately.