

Global-King TrafficX IPCAM

Single Vision TrafficX Camera



Feature

Model : GK5020TS-GIE

Feature

- Products that meet NDAA Defense Authorization Act standards
- 250km/h High Recognizable Speed
- Global Shutter for Sharp Snapshot
- 99% Capture Rate & 98% ANPR Accuracy
- Various Traffic Violation Recognition
- AI Chip + AI ISP + Edge AI-based ANPR
- 50m ANPR Distance & 2-3 Lanes Covering
- P-iris for Precise Aperture Control
- Integrated Fan and Heater Modules



Specification

Products Specification

Model	GK5020TS-GIE
Image Sensor	Color 2/3" Global Shutter
Min. Illumination	Color : 0.001Lux@F1.4 B/W : 0Lux with IR on
Shutter Time	30us ~ 5000us
Day/Night Mode	Day Night Auto
Supplement Light	16 Pcs
Illumination Distance	Up to 60m
Supplement Light	IR : IR Strobe Light (9 light beads @ 850nm 16 light beads @ 740nm) IR Distance : 60m IR Wave Length : 850nm (Default) 740nm (Optional)
Road Traffic Management	
Max. ANPR Range	Up to 50m
Max. Vehicle Speed	250 km/h
Coverage	Recommended for 2~3 lanes
Capture Rate	Up to 99%
Recognition Accuracy	Up to 98%
Country Region Supported	More than 74 countries and regions
Attributes Identification	Plate Color Vehicle Type Vehicle Color Vehicle Brand
Violation Management	Reverse Driving No-plate Vehicle Capture Vehicle Attributes Event Detection
White/Black List	Up to 2000 records inside the camera
LPR Smart Search	Support
Interface	
Ethernet	1xRJ45 10M/100M/1000M Ethernet Port
RS485	2xRS485 ports baud rate up to 115200 bps

Power Output	DC12V Output
Alarm Input	4xOptoisolated Input
Alarm Output	1CH Relay Output
STNC IN	AC24V Synchronization Input

Lens

Lens	15-50mm Motorized zoom and focus
Mount	Custom mount
Field of View	Horizontal FOV : 41.4° ~10.3° Vertical FOV : 26.8°~8.42° Diagonal FOV : 32°~13.3°

Video

Max. Resolution	2448(H)x2048(V)
Max. FPS	60fps
Video Compression	H.265 H.264 MJPEG
Video Bit Rate	16Kbps~16Mbps (CBR/VBR Adjustable)
Image Setting	Brightness Contrast Saturation
Privacy Masking	Up to 8 Areas

Wireless Network (Optional)

Cellular	4G LTE NA: B2/B4/B5/B12/B13/B25/B26 EU: B1/B3/B7/B8/B20/B28 AU: B1/B2/B3/B4/B5/B7/B8/B28/B66
SIM Card	Nano SIM

System

System Compatibility	API HTTP TCP MQTT ONVIF Profile G & S & T
Storage	Support microSD/SDHC/SDXC Card Local Storage up to 1TB

General

GPS	Built-in High-accuracy GPS Module
Working Temperature	-40°C~70°C
Working Humidity	0~95% (Non-condensing)
Power Consumption	6.7W MAX 26W MAX (With IR on)
Power Supply	DC24V AC24V
Weight	4.30kg 6.43kg (With package)
Dimensions	195 x 245 x 141mm
Product Certification	CE FCC IP67 IK10 NDAA

Information correct as of print.

Slight specification variations may occur due to product enhancement to optimize functionality

Accessories

Product Accessories



A02 V2 Pole Mount

Weight: 1kg
Dimension: 180*138.5*47mm
Installation Environment: For strapping cameras on poles between $\phi 67-127$ mm (2.6–5 inches) in diameter



A91-N Pedestal Mount

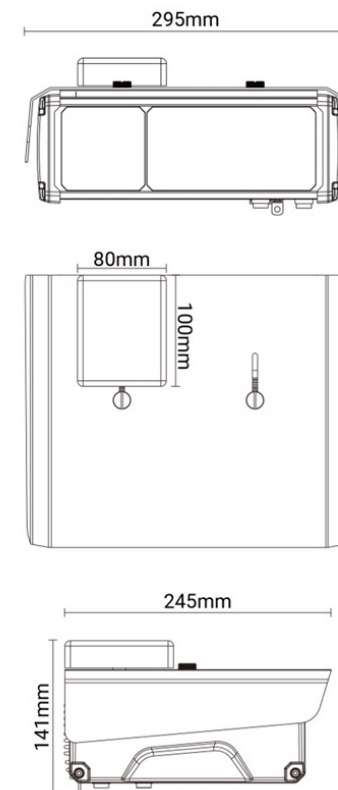
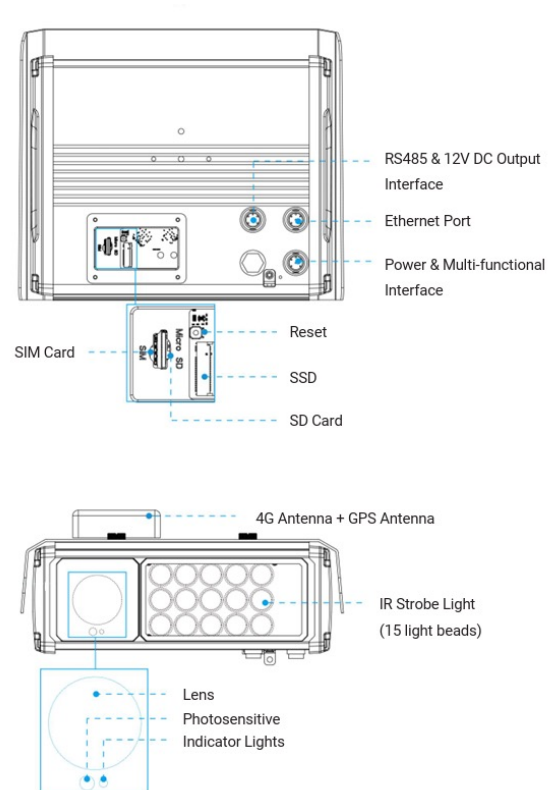
Weight: 540g
Dimension: 80*80*104.5mm
Installation Environment: For installation on a base or platform



A92-N Wall Mount

Weight: 1800g
Dimension: 140*200*279mm
Installation Environment: For wall or parapet installations

Dimension



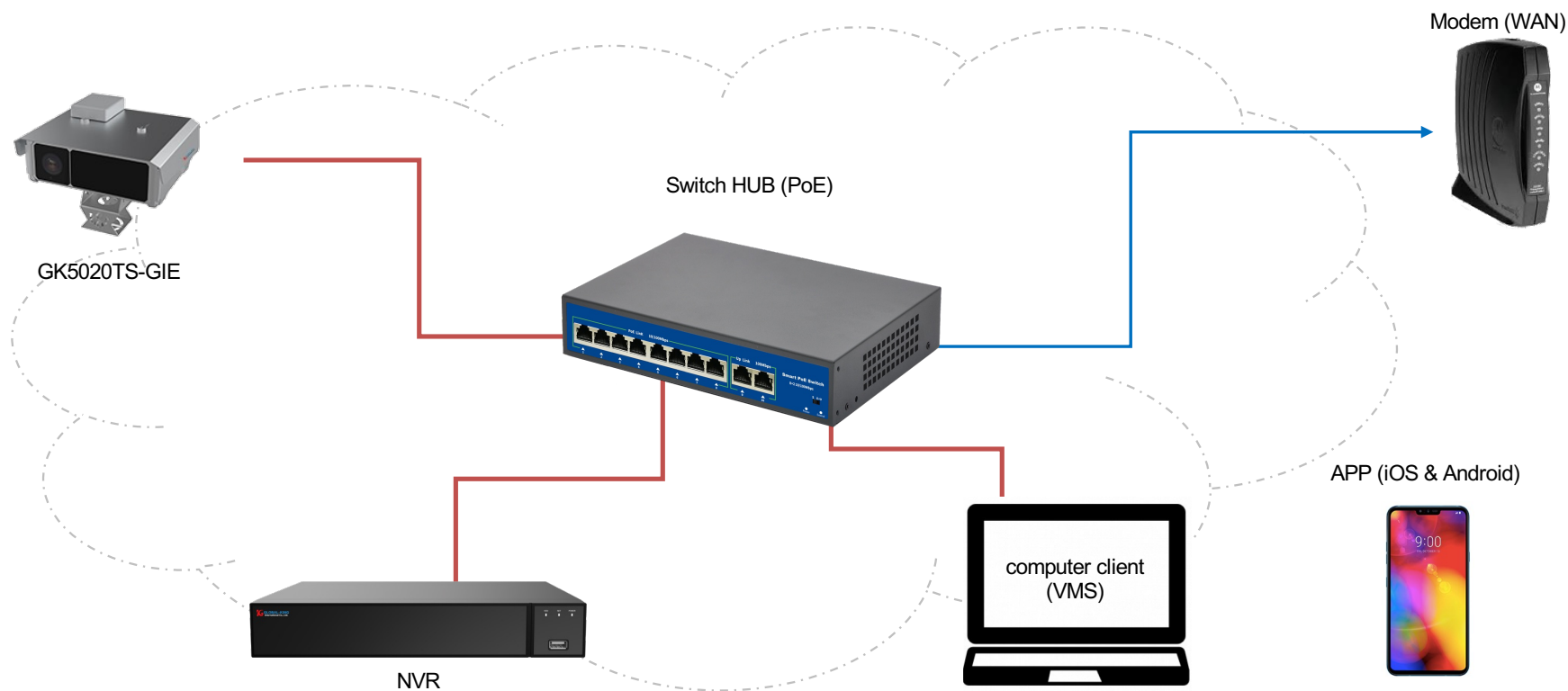
Single Vision TrafficX Camera | Dimensions

Architecture diagram

Single Vision TrafficX Camera | Infrastructure

- IP Camera (GK5020TS-GIE)
- Switch HUB (PoE)
- NVR
- VMS Software
- APP (iOS & Android)
- Internet (ISP modem)

Infrastructure



Single Vision TrafficX Camera | Infrastructure



Thank You

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