

Model			TS12020-GIE (12MP*1)
Camera	Name		SingleVision TrafficX Camera
	Image Sensor		Color, 1.1" GMOS
	Min. Illumination		Color: 0.001 Lux@F1.6
	Shutter Time		30 us- 5000 us
	Day/Night Mode		Day/Night/Auto
	Supplement Light	IR	IR Strobe Light
		IR Distance	60m
IR Wave Length		850nm (Default), 740nm (Optional)	
Road Traffic Management	Max. ANPR Range		Up to 50m
	Max. Vehicle Speed		320 km/h
	Coverage		Recommended for 3~4 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		Seatbelt Unfastened, Phone Use, Illegal Lane Change, Special Lane Occupation, Reverse Driving, No-plate Vehicle Capture, Vehicle Attributes Event Detection
	Vehicle Type		Car, SUV, MPV, Pick-up, Van, Bus, Truck, Mini Truck, Trailer, Fire Engine, Ambulance, Motorbike, Bicycle
	Vehicle Color		Black, White, Gray, Red, Yellow, Green, Blue, Purple, Brown
	White/Black List		Up to 100,000 records inside the camera
	LPR Smart Search		Support
Interface	Ethernet		1 * RJ45 10/100/1000 Mbps Ethernet Port
	RS485		1 * RS485 Port (compatible with RS232)
	Alarm Input		4 * Opto-isolated Digital Inputs
	Alarm Output		1 * Relay Output
	Strobe Output		4 * Strobe Output

Lens	Lens	16-40mm, Motorized zoom and focus
	P-iris	Support
	Aperture	F1.6
	Mount	Custom mount
	Field of View	TBD
Video	Max. Resolution	4112x3072
	Primary Stream	60Hz:12MP@60fps(4112x3072, 3296x2472, 3392x2008, 2560x1920, 2048x1536, 1920x1080, 1280x960, 1280x720) 50Hz:12MP@50fps(4112x3072, 3296x2472, 3392x2008, 2560x1920, 2048x1536, 1920x1080, 1280x960, 1280x720)
	Secondary Stream	60Hz: 2MP@60fps(1920x1080, 1280x720, 704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 2MP@50fps(1920x1080, 1280x720, 704x576, 640x480, 640x360, 352x288, 320x240)
	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 & M & 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	TBD
	Power Supply	DC24V±20%

General	Weight	TBD
	Dimensions	382*310*256mm
	Wind Resistance	Withstands wind speeds up to Beaufort Scale 13 (≥ 32.7 m/s)
	Window Defogging & De-icing	Supported via ITO heated glass with anti-reflection coating
	Warranty	3 Years
Certifications	EMC	CE-EMC, FCC, RCM
	RF	RCM
	Safety	CE-LVD, RCM, EN 62471:2010
	Environment	CE-RoHS, IP67, IK10, NEMA 4X