



STUDENT PROTECTOR STOP ARM CAMERA SYSTEM

Gatekeeper's stop arm camera system enables you to capture stop arm violators day or night with unquestionable clarity. The system uses infrared technology to capture tag numbers as far as lane 4, in the toughest of lighting and weather conditions. Gatekeeper's sensor technology detects motion and stop arm deployment, while the superior quality of cameras and imaging ensures tag readability so you have a complete evidence package. In North America where legislation allows, Gatekeeper's optional TIMS software helps to automate the evidence review and citation process for infractions.

GATEKEEPER

SP25 STUDENT PROTECTOR

**MULTI-LANE
DAY OR NIGHT
UNQUESTIONABLE CLARITY**



KEY FEATURES

- High speed license tag capture
- Unquestionable clarity day or night
- Capture violations as far as lane 4
- Fully weatherproof
- Compact, low profile design
- Sensor technology detects motion and stop arm deployment
- Works well with the addition of a high mounted overview camera

BI-DIRECTIONAL MULTI-LANE IMAGING 10 MEGA PIXEL SYSTEM

GATEKEEPER

Gatekeeper Systems Inc.
301-31127 Wheel Avenue
Abbotsford, BC V2T 6H1
Canada

Gatekeeper Systems USA Inc.
7-200 Rittenhouse Circle East
Bristol, PA 19007
USA

VIDEO

CAPTURE	Day: Reliable license tag recognition to lane 4 Night: Reliable license tag recognition to lane 3
IMAGING SENSOR	OV05A20 1/2.7" CMOS
SP25 RESOLUTION	10MP (2 x 5MP Cameras)
SYNC	50/60 Hz
S/N RATIO	≥50dB
ELECTRONIC SHUTTER	Fixed shutter 1/300s to 1/5000s Automatic shutter 1/300s to 1/1000s
WIDE DYNAMIC RANGE	Included
FRAME	Up to 30 fps
VIDEO COMPRESSION	H.265 / H.264
COMPRESSION OUTPUT RANGE	512Kbs - 20Mbps Main: 2560x1920 (5MP) @ 30fps downward compatible
IMAGE RESOLUTION	Network Sub: VGA @ 25fps (CIF, D1) Record Sub: VGA @ 30fps

NETWORK

PORT	RJ45 Female 10M/100M x 1
PROTOCOL	TCP/IP, HTTP, DCHP, RTSP, NTP, FTP, N9M, ONVIF
CONFIGURATION	Built-in web server

AUDIO

Not supported

IR

98 ft (50m) range

LENS

16mm H 224° V 18°

APERTURE

F 2.0

PHYSICAL

SP25 DIMENSIONS	5.19" H x 9.22" W x 4.00" D Weight: 3.15 lbs
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RECOMMENDED ADD-ONS

HIGH OVERVIEW EXTERNAL CAMERA TXM 11



AI CAMERA DETECTS VEHICLES AS THEY ENTER THE CAMERA'S DETECTION ZONE WHEN THE STOP ARM IS DEPLOYED AI282



POWER

VOLTAGE	POE (DC12V Nominal)
CONSUMPTION	9.0W / IR ON 3W / IR OFF

ENVIRONMENT

OPERATING TEMPERATURE -40°F to +158°F (-40°C to +70°C)



Vehicle from lane 4 with visible back tag captured during the day



SP25 STOP ARM CAMERA