

# VISIPAK 5



Designed for Free flow Tolling Installations

- **Enhanced Accuracy:** Extra AI Module boosts LPR performance to never-seen-before levels
- **All Integrated:** LPR is performed entirely inside the camera, [no LPR server needed](#).
- **High speed:** 20ms to digitalize plates on vehicles moving at speeds up to 155 mph (250 km/h).
- **No Trigger needed:** The fastest option for [frictionless](#) applications.
- **Adjustable Recognition Distance:** From 23 to 100 ft (7 to 30 m).
- **High Quality Confidence Level** to efficiently take decisions between Automatic Processing or Manual Review.
- **CST Ready:** Monitoring tool for validating camera's installation and performance.

## LPR that Commits!

Includes a Contractual Guarantee of Performance.

**Satisfied or Refunded!**

## Applications



ITS & TOLLING

## LICENSE PLATE RECOGNITION

	European Plates (long)	American Plates (short)
Recognition distance	From 23 to 100 ft (7 to 30 m)	From 23 to 82 ft (7 to 25 m)
Lane coverage width	Up to 23 ft (7 m)	
Recognition engine	SURVISION REALTIME EMBEDDED AI ENGINE (SREIE)	
Recognition framerate	60 fps	
Recognition direction	Both (Rear and Front)	
Recognition DGPR (Dangerous Goods Plate)	Yes	
Max vehicle speed	155 mph (250 km/h)	
Triggering	Free Running (no trigger) - Software Trigger - Hardware Trigger	
Confidence Ratio	Yes	
Recognition JPEG	Yes (4 different formats), settable quality	
Square plate formats supported	Yes	
Countries supported	All countries supported supplied at once (contact <a href="mailto:sales@survisiongroup.com">sales@survisiongroup.com</a> for up-to-date list)	
Other data supplied	Coordinates of the plate, Direction, Country, State, Type	
Realtime video flow	Yes	

## VIDEO AND ILLUMINATION FEATURES

Lighting	8 high power LEDs IR or White Light
CMOS	FHD 2 MPixels Black & White or Color
Compression	H264
Transport Protocol	RTSP
Available settings	framerate (up to 30 fps), Bitrate, Zoom

## ELECTRICAL CHARACTERISTICS

Power	24 V +/- 3 V ou POE++ (IEEE 802.3at)
Power Consumption	Average 15 W, max 17 W

## MECHANICAL CHARACTERISTICS

Weight (with sunshield)	5.5 lbs (2.5 kg)
Dimension (with sunshield) (LxWxH)	5.12 x 9 x 2.76 in (130 x 230 x 70 mm)
Material	Aluminium, inox
Coating	Epoxy painting RAL 7031
Water&Dust protection	IP67
Connectors	Amphenol RJ45 + Amphenol DB10 LTW
Operating and storage temperature	From -40 °F to +131 °F (-40 °C to +55 °C)

**SECURITY, ENVIRONMENTAL AND TECHNICAL CERTIFICATIONS**

<b>Security</b>	SSL (TLS 1.2), 802.1x, 802.1q
<b>Photobiological Safety</b>	IEC62471
<b>Homologation</b>	CISPR 32 : 2015 / AMD1 : 2019, CISPR 35 : 2016, FCC 47 CFR PART 15: 2021, ICES-003 / NMB-003 édition 7: 2020 et ICES-Gen / NMB-Gen : 2018, EN 62368-1:2014/A11 :2017, ISO 9227
<b>MTBF</b>	70,000 hours (minimum)
<b>Time Synchronization</b>	NTP Protocol

**DATA OUTPUT AND INPUT**

<b>TCP/IP</b>	SURVISION Open Camera Development Kit (CDK)
<b>Web Interface</b>	REST webservice and Websocket (SSWS)
<b>FTP</b>	Embedded FTP Client
<b>Ethernet</b>	Ethernet 10 / 100 / 1000
<b>Serial</b>	RS485, Wiegand
<b>IO/IN</b>	Optocoupler. Tension min 15 V max 30 V
<b>IO/OUT</b>	Relay Max. 220 VDC, 2A
<b>OSDP</b>	Yes

**ACCESSORIES AND OPTIONS**

<b>Power cable</b>	10, 33 or 98 ft (3, 10 or 30 m)
<b>Power cable + RS485</b>	50 ft (15 m)
<b>Power Cable + Relay + I/O</b>	99 ft (30 m)
<b>Power Supply</b>	24 V, 30 W
<b>Fixation parts</b>	Pole adapter and 3D adjustable brackets