

All-in-one License Plate Recognition camera

Highways - Bridges - Tunnels - Toll Roads - Parkings

CT-LPR1 is a compact License Plate Recognition camera designed for applications on highways, toll roads, urban roads and parking environments. It reads license plates in real time and can be used for short to medium distances.

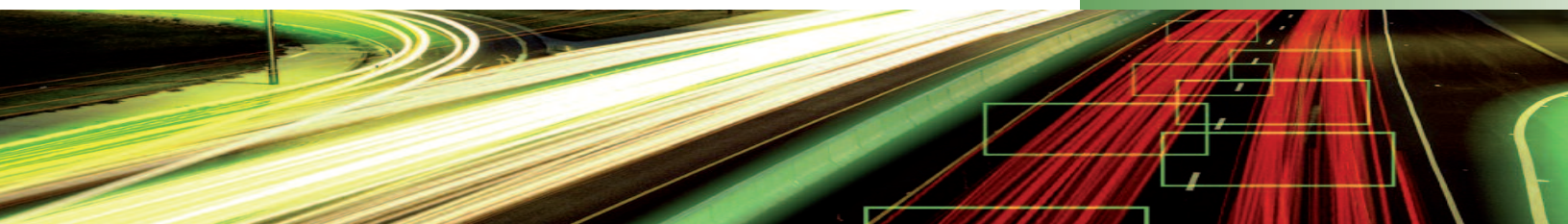
This embedded **License Plate Recognition camera** can be used for a variety of applications from simple access control in car parks to traffic statistics on highway and even free flow tolling applications.

The sensor internal image processing unit is running at 50 frames per second and is coupled with an embedded infra-red illumination module (850 nm). This allows for best performances in any weather or external lighting conditions.

The **CT-LPR1** camera can detect license plates at a distance up to 20 meters and covers a width of about 3 meters corresponding to one lane of traffic. Its internal memory is designed to store up to 5,000 license plates. It is also fully integrated with the Citilog suite of server and back office workstation operating software to provide real time license plate acquisition and the required centralized monitoring tools for an end to end operating system.



- ✓ **Recognition distance :**
Up to 20 meters
- ✓ **Coverage width :**
Up to 3 metres
- ✓ **Image analysis :**
50 images/second
- ✓ **Illumination :**
IR 850nm pulsed
- ✓ **Internal memory :**
Up to 5,000 plates



SPECIFICATIONS

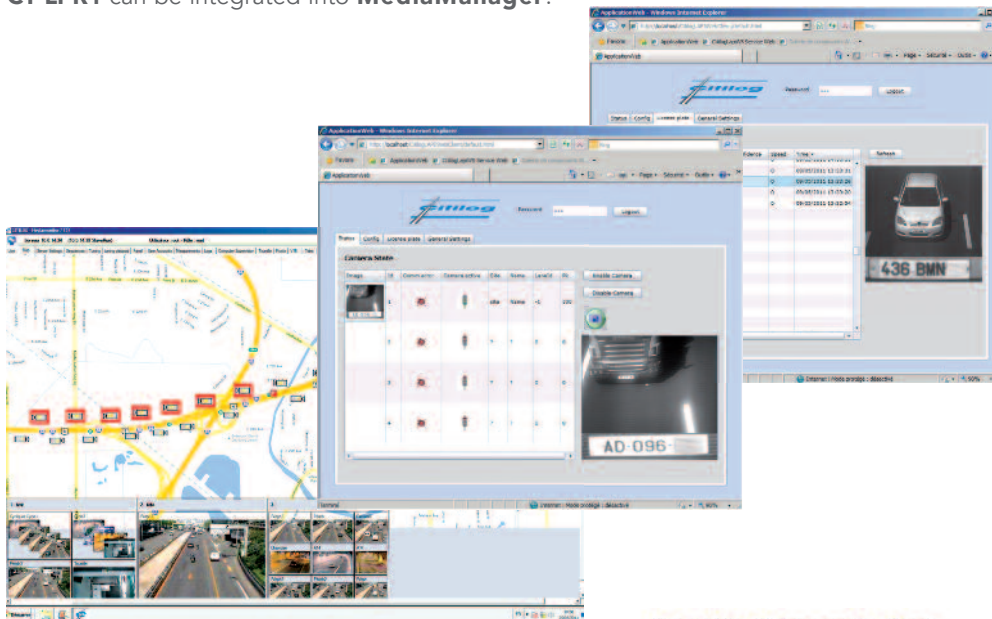
Electronic characteristics	Communication bus	Ethernet 100Mbit/s TCP-IP IPV4, RS232
	Power supply - Consumption	Power supply - Consumption
	Homologation/Certication	EMC EN 55022, EN 61000, photobiological safety IEC62471, environmental TR2130C
	MTBF	56,000 hours minimum
Mechanical characteristics	Connectors	Waterproof push-pull IP67
	Temperature	From -20° to +55°C on "start-up" and from -40° to +55°C when "in use"
	Casing	RAL 7048 highly resistant IP67 stainless steel
	Dimensions (mm) - Weight	158 (L) x 154 (P) x 75 (H) - 2.2 kg
Options	Colour optical head	
	White light illumination	
	Horizontal or vertical installation	
	Pan-tilt engine	
	Extended temperature range -40°C to +55°C	
	Pole mount adaptor	
	Fixation bracket	
	24V power supply	

CT-LPR1



USER FRIENDLY INTERFACE

MediaManager, the newly developed Citilog GUI, provides supervision, administration and back office functionalities through a user friendly interface. Along with all other Citilog products, the **CT-LPR1** can be integrated into **MediaManager**.



Traffic Supervision Video Management

Licence Plate and Video Streaming



Server



Tolling



Roadways



Parkings



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