

GV-LPR CAM 10A ANPR Camera



INTRODUCTION

The GV-LPR CAM 10A is a 570 TVL resolution B/W analog camera designed for recognition of license plates on vehicles traveling at 200 km/h (124 mph) or less. With 7 high-efficient LEDs for an illumination range of 7 ~ 12 m (22.96 ~ 39.37 ft), the camera is able to automatically adjust its shutter speed to the scene and produce high-contrast video to the GV-LPR software that identifies license plates. It features a weather-proof (IP66) sun-shield housing for outdoor use, and is also able to work in environments with temperatures from as low as -20 °C (-4 °F) up to 50°C (122 °F).



KEY FEATURES

- 1/3" B/W Exview CCD
- Maximum Speed 200 km/h (124 mph)
- Ingress protection (IP66)
- Built-in 7 powerful IR LED illuminators
- Built-in always-on fan
- Sun-shield

Specifications

GV-LPR CAM 10A 1/3" B/W License Plate Recognition Camera			
Models		GV-LPR CAM 10A EIA DC 12V	GV-LPR CAM 10A CCIR DC 12V
Camera			
Sensor		1/3" B/W Exview CCD	
Resolution		570 TVL	
Video Standard		NTSC	PAL
Min. Illumination	Color	N/A	N/A
	B/W	N/A	N/A
	IR ON	0 Lux	0 Lux
Shutter Speed		Automatic, Fixed (1/60 ~ 1/100000; Default 1/500)	
White Balance		AWB	
Max. Speed		200 km/h (124 mph)	
Image Setting		Brightness, Contrast, Saturation, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Shutter Speed	

IR LAMP		
LED Quantity	7 high-efficient LEDs	
IR Distance	7 ~ 12 m (22.96 ~ 39.37 ft)	
Optimal IR Distance	10 m (32.80 ft)	
Illumination View Angle	30°	
Illuminator Life	25,000 hrs	
Lens		
Focal Length	5 ~ 50 mm	
Max. Aperture	1.6	
Mount	CS Mount	
Image Format	1/3"	
Operation	Focus	manual
	Zoom	manual
	Iris	DC
Mechanical		
Lens Mounting	N/A	
Connectors	Power	DC Jack
	Auto Iris	DC drive
	TV-Out	BNC
General		
Temperature	Operation: -20 °C ~ 50 °C (-4 °F ~ 122 °F) Storage: -20 °C ~ 70 °C (-4 °F ~ 158 °F)	
Heater	N/A	
Power Source	12V DC	
Max. Power Consumption	15W	
Dimensions (L x W x H)	315 x 109 x 110.2 mm (12.40 x 4.29 x 4.34 in) with sun shield	
Weight	4.6 kg (10.14 lb) with sun shield	
Construction	Robust aluminum with weatherproof sun shield	
Regulatory		
Protection classification	IP66	
Software License (using with supplied GV-LPR Capture Dongle)		
Free License	Yes	
Maximum License	GV-ASManager 4.0: 1 channel GV-ASManager 4.1: 8 channels	
Increment for Each License	N/A	
Dongle Type	External	

Note

1. GV-LPR CAM 10A comes with a free GV-LPR Software, and the supplied GV-LPR Capture Dongle will need to be inserted to run the software (LPR Plugin). Since the free GV-LPR Software is a Trial Edition, it can only capture the license plate images and does not support the license plate recognition function.
2. All specifications are subject to change with notice.