

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
- Recognition for reflective License Plate only
- 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 | CE, FCC, C-Tick, RoHS compliant | |
| 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.