



**MERIVA**<sup>®</sup>  
**TECHNOLOGY**  
**Streamax**

# MCA38

**Product specification**



**MCA38**
**External Waterproof Camera (installed on the rear license plate)**

## Picture



## Features

- 1/2.9" progressive scan CMOS imaging target surface
- Resolution: 1920H\*1080V
- Minimum illumination:0.05Lux (color),0Lux (IR on)
- Electronic shutter (auto), day to night, auto white balance
- Wide-angle lens adopted for large monitoring areas
- IR fill light range: 3-5m
- Installed on the rear license plate to monitor the area behind the vehicle
- IP69K to ensure good vehicle damping performance

**Specifications**

Model

MCA38

Image sensor

1/2.9 " 2.0Mp progressive scan CMOS

Effective pixels

1920 (H) x1080 (V)

Video signal standards

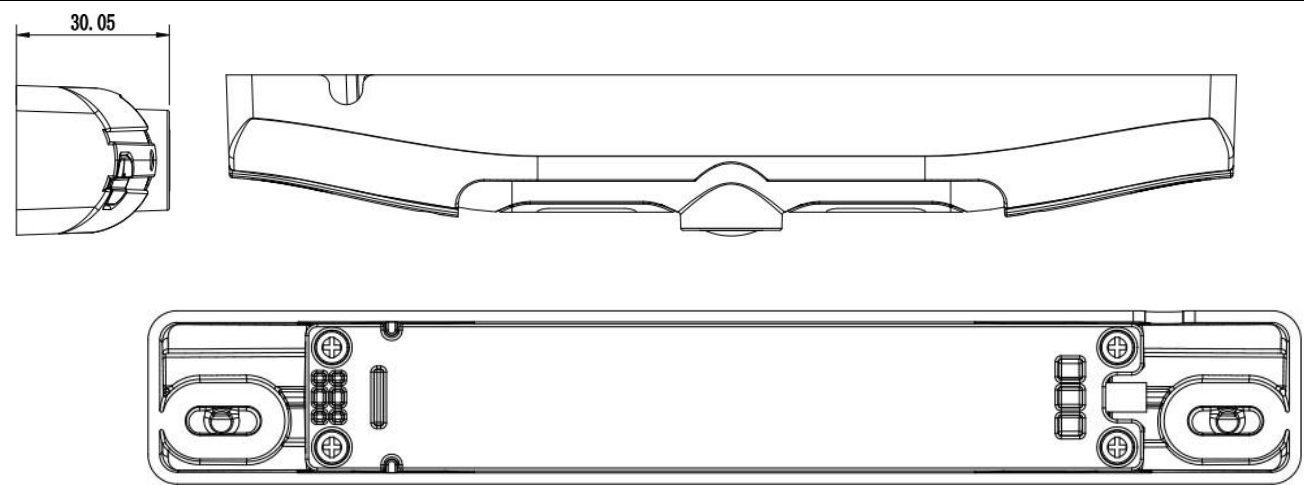
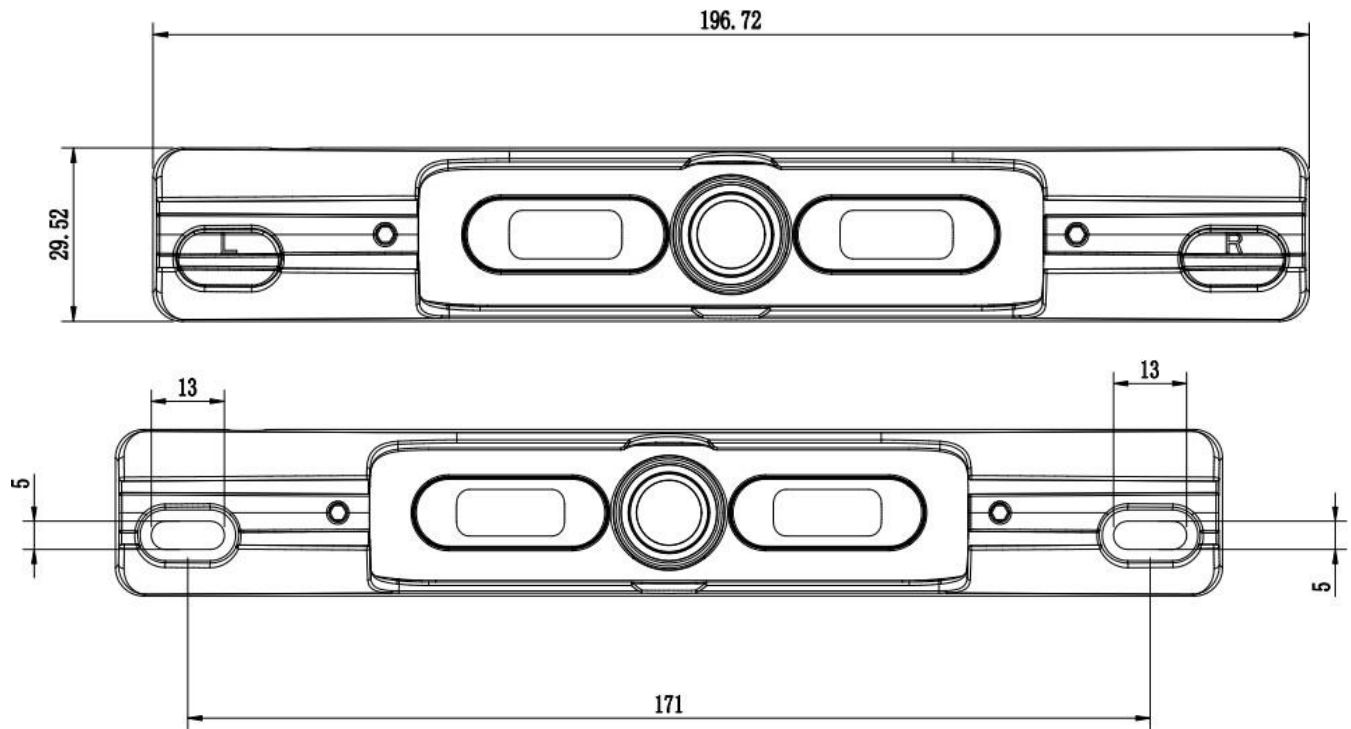
NTSC/PAL

Minimum illumination

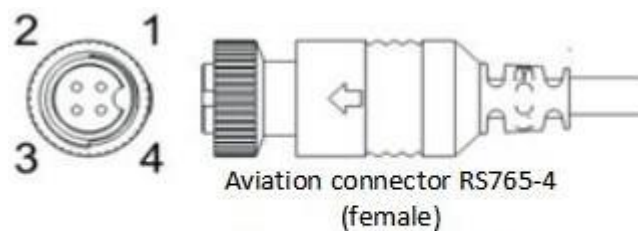
0.05Lux (color), 0Lux (IR on)

Shutter speed	1/25s-1/25,000s (auto)
Day-to-night mode	ICR
Adjustment angle	Up (horizontally): 30°; down (horizontally): 45°
Backlight compensation	Supported
S/N	≥48db
DWDR	Supported
White balance	Auto tracking of white balance
Auto gain	Supported
3D noise reduction	Supported
IR range	3-5m
Lens	2.2mm M12 lens (DFOV:178°; HFOV: 142°; VFOV: 80°)
Video output	1.0Vp-p composite video output, 75Ω, 4Pin aviation cable
Power supply	DC12V ± 10%
Power consumption (max)	130mA/DC12V ± 5% (max 1.6W)
Operating temperature	-40°C-+70°C
Operating humidity	0% - 95%
IP rating	IP69K
Installation mode	Supported to be installed on the rear license plate
Dimensions	196.7mm*29.5mm*30mm (L*W*H)
Net weight	About 200g

**Dimensions**



**Video output cable interface**



Aviation connector RS765-4  
(female)

- |              |               |
|--------------|---------------|
| 1---12VDC(+) | 3---N/A       |
| 2---12GND(-) | 4---AHD VIDEO |