



MERIVA[®]
TECHNOLOGY


Streamax

MCA39A

Product specification



MCA39A Mini Embedded Camera

Picture	Features
	<ul style="list-style-type: none"> ● 1/2.8" 2.13M pixel CMOS ● Resolution: 1920H*1080V ● Minimum illumination: 0lux (IR on); 0.05lux (IR off) ● Auto electronic shutter, auto exposure and auto white balance ● Support lens of 2.2mm, 2.8mm, and 3.6mm ● IR range: 5-10m ● Compact design and embedded installation to ensure good damping performance of vehicles ● Built-in on-board audio pick-up with effective range up to 5m

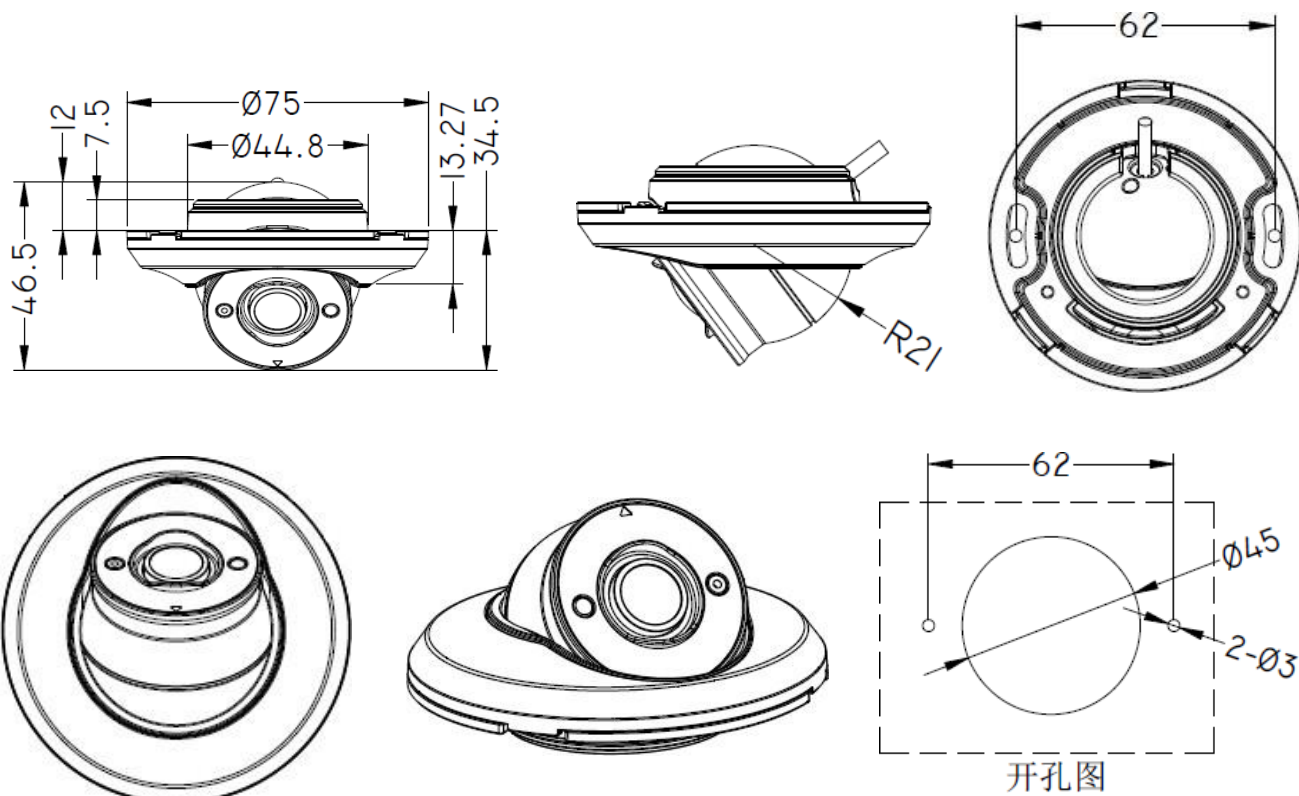
Specifications

Model	MCA39A
Image sensor	1/2.8" 2.13M pixel CMOS
Resolution	1920H*1080V
Video signal standards	NTSC/PAL
Minimum illumination	0lux (IR on); 0.05lux (IR off)
Synchronization system	Internal synchronization
Scanning system	Progressive scan
S/N	≥ 50dB
Electronic shutter	1/25s to 1/25,000s (auto)
Day-to-night	ICR
White balance	Auto tracking of white balance
Auto gain	Supported
3D noise reduction	Supported
Backlight compensation	Supported
Digital WDR	Supported
Lens	2.2mm M12@ F2.0, FOV HFOV: 152° VFOV: 83° DFOV: 180°
	2.8mm M12@ F2.0, FOV HFOV: 103° VFOV: 56° DFOV: 121°
	3.6mm M12@ F2.2, FOV HFOV: 88° VFOV: 49° DFOV: 103°
IR detection range	5-10m (1 LED array)
Video output	1.0Vp-p composite video output, 75 ohm, 4Pin aviation cable
Audio input	Built-in on-board audio pick-up with effective range up to 5m
Power supply	DC12V± 10%

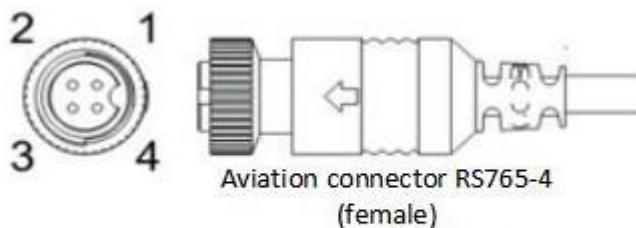
Power consumption (max)	200mA/DC12V±5%
Operating temperature	-40°C ~ 70°C
Operating humidity	<90% (non-condensing)

Installation mode	Embedded installation
Adjustable angle	37° to 107° (horizontally up and down) adjustable
Dimensions	75mm*75mm*46.5mm (L*W*H)
Net weight	About 150g

Dimensions



Video output cable interface



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