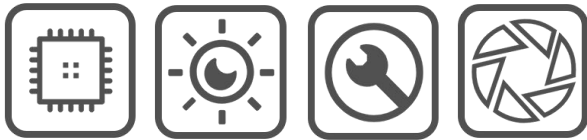




Analog high-definition camera

CA29P

Specification_(v1.0)



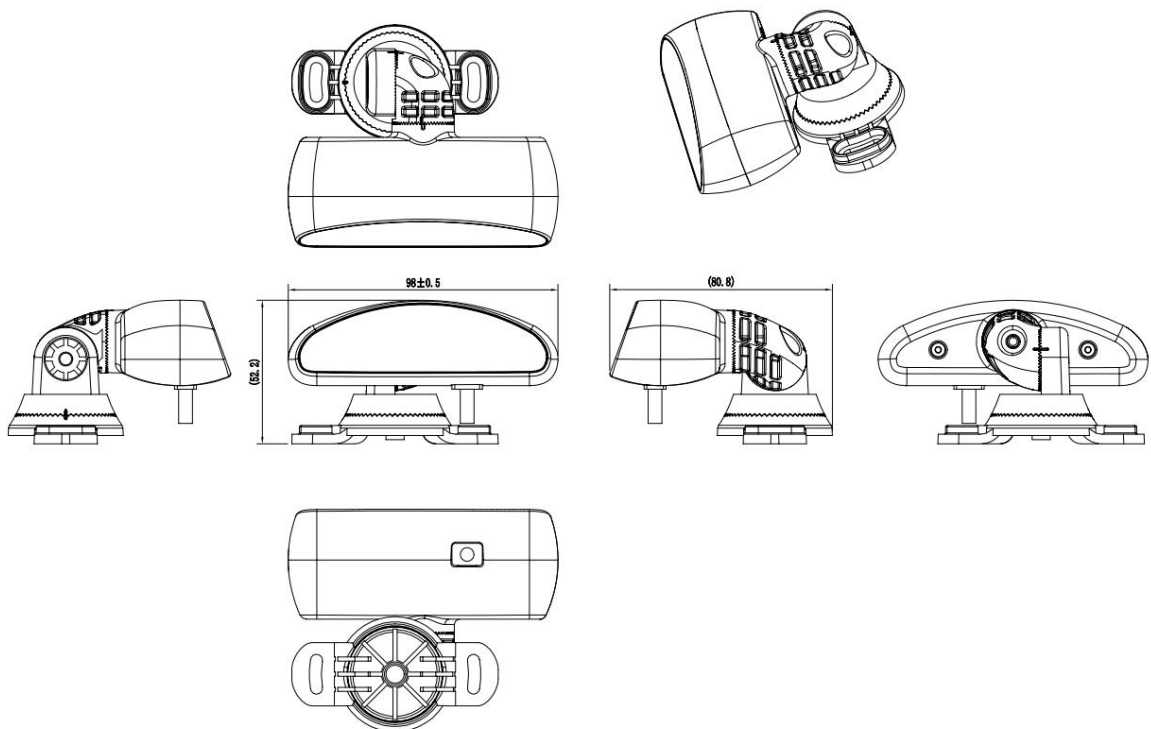
- Advanced global shutter sensor for fast, accurate capture of moving scenes
- Dual 940 nm IR LEDs optimized for >80 cm A-pillar-to-face distance
- Delivers clear images under any lighting; no red glow; penetrates sunglasses for 24/7 monitoring
- Compact, vibration-resistant design for A-pillar installation
- Auto electronic shutter adapts to changing light conditions

Specification parameters

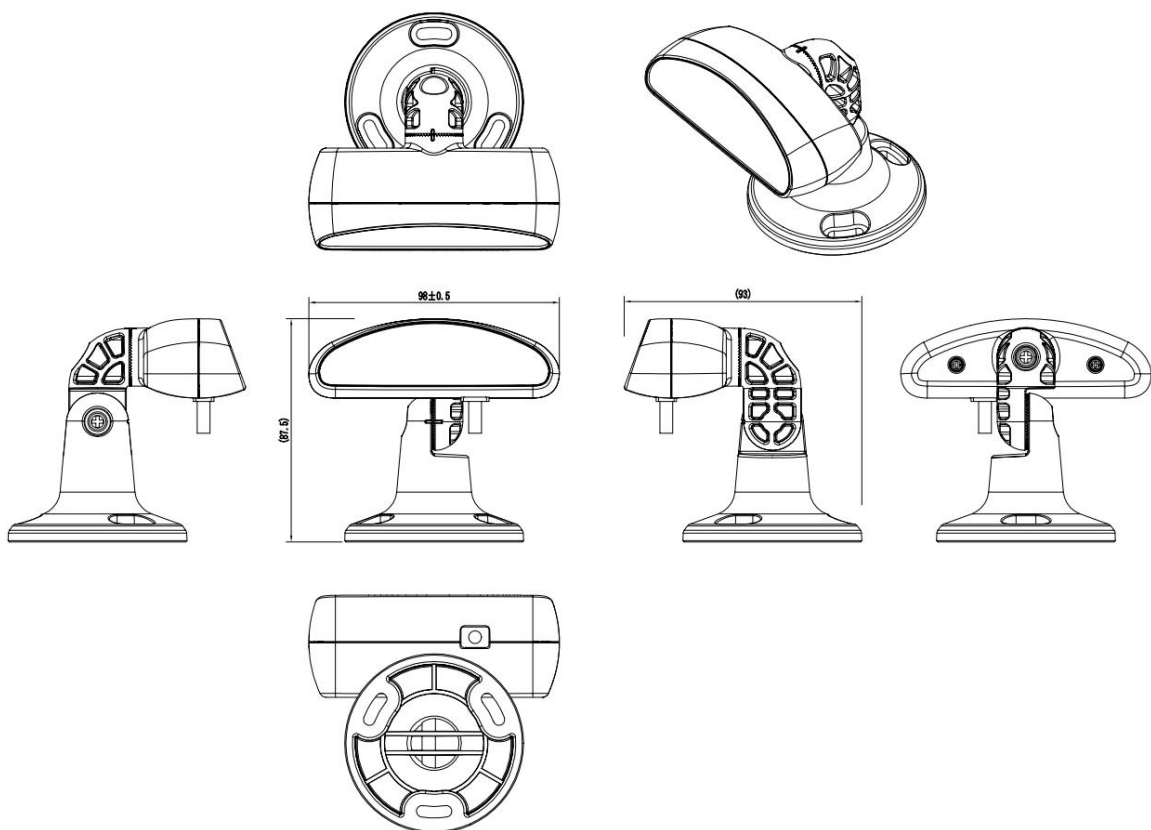
Name	Parameter
Product model	CA29P
Product type	SVT-A6410T
Image Device	1/2.9 " 2M pixel CMOS
Resolution	1280H*720V
Lens/FOV (Angle difference±5°)	4mm /HFOV: 57° VFOV: 45° DFOV: 70°
	6mm /HFOV: 45° VFOV: 33° DFOV: 55°
Video signal system	PAL/ NTSC
Signal to Noise Ratio	≥ 50dB
Day night conversion mode	Black and white mode (default image output)
Minimum illumination	0 Lux(红外补光)
Electronic shutter	1/25 second to 1/25000 second (automatic shutter)
Installation method	Side installation/Vertical installation
Scanning System	Progressive scan
Synchronization	Internal synchronization
Gain control	Supported
3D noise reduction	Supported
Backlight Compensation	Supported
Aspect Ratio	3:4 (when mounted on the left A-pillar)

Gamma Correction	0.45
IR	2 × 940 nm dot-matrix LEDs
IR Detection Range	Up to 1.1 m (noise-free at long distance)
Video output	1.0Vp-composite video output, 75 ohms
voltage	DC 9-16V
Power consumption	<1.8W±5%(IR on)
Operation temperature	-40°F~158°F
Storage temperature	-40°F~185°F
Product size	L98mm × W80.8mm × H52.2mm (Side mount bracket) (L3.86" × W3.18" × H2.06")
	L98mm × W87.5mm × H93mm (Vertical mount bracket) (L3.86" × W3.44" × H3.66")
Packing size	L140mm × W128mm × H106mm (L5.51" × W5.04" × H4.17")
Product net weight	190g (Side mount bracket) (0.42lb)
	150g (Vertical mount bracket) (0.33lb)
Product gross weight	240g (Side mount bracket) (0.53lb)
	240g (Vertical mount bracket) (0.53lb)

Dimensional Dimension

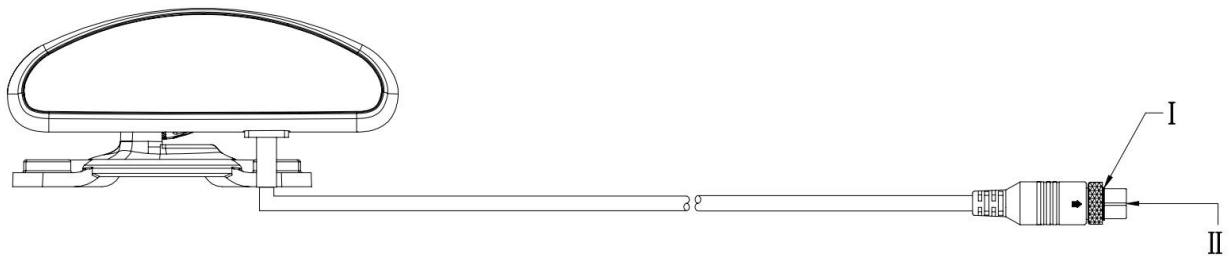


Product dimension diagram——Side Bracket



Product dimension diagram——Vertical bracket

Cable Details



Standard four core aviation cable - default 0.5 meters (tail length)

No.	Name	Description		
I	Red waterproof	Red 8*1.5*5 rubber ring		
II	Video Outputs	Line order	No.	Name
			1	12VDC (+)
			2	12VGND (-)
			3	N/A
			4	AHD VIDEO