



FT-AHD-DSMCA29PM • CAMARA

Technical Datasheet

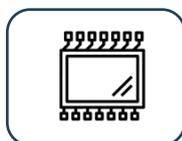


FT-AHD-DSMCA29PM

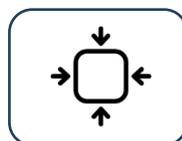
Vehicle DSM Camera



1280H*800V Resolution



CMOS Sensor



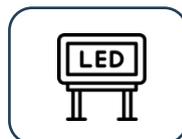
Compact size



Auto electronic shutter



White & Black mode



Dual LED fill light



Product Summary

FT-AHD-DSMCA29PM is a compact mini lightweight AHD vehicle camera delivering full HD 800p resolution suitable for vehicles to mount anywhere within the vehicle. Typical usage includes driver facing.

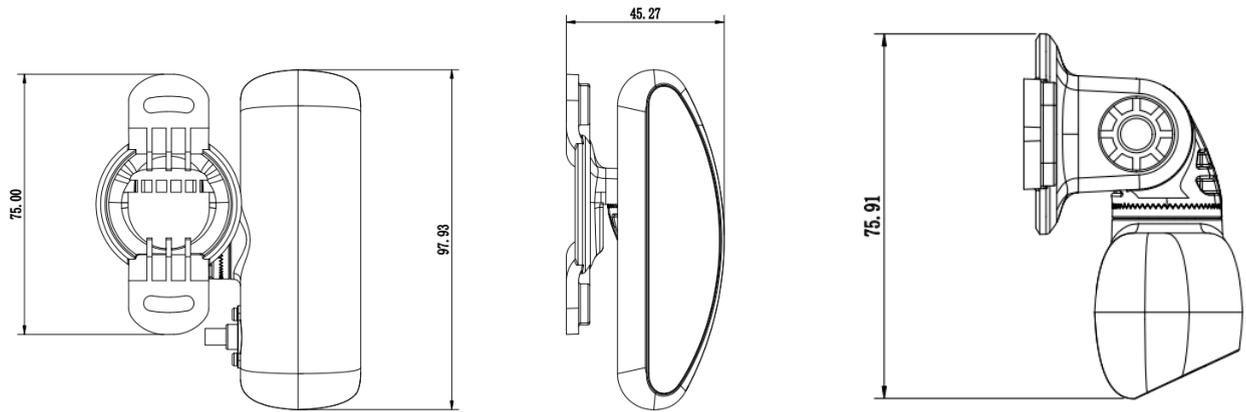
Key Features:

- 1/4" 1.0M pixel CMOS
- Resolution: 1280H*800V
- Auto electronic shutter, auto exposure and auto white balance
- Compact design makes A-pillar installation easy and convenient to ensure good damping performance of vehicles
- Dual LED fill light is adopted for the scenario in which the distance between A-pillar and human face is greater than 80cm
- Output image is immune to ambient light, meeting requirements of 7/24 monitoring, no IR exposure and sunglasses penetration

Technical Specification

Parameters	Description
Model	FT-AHD-DSMCA29PM
Image sensor	1/4 " 1.0M pixel CMOS
Resolution	1280H*800V
Video signal standards	NTSC/PAL
Minimum illumination	0Lux/1.6F (IR fill light)
Synchronization system	Internal synchronization
Scanning system	Progressive scan
S/N	≥ 40dB
Lens	3mm HFOV : 65° VFOV : 41°
Electronic shutter	Auto
Exposure mode	Auto
Auto gain	Supported
3D noise reduction	Supported
Day-to-night	Black & white mode (default: black & white)
Aspect ratio of image	3:4 for left A-pillar installation
Gamma correction	0.45
IR	2pcs 940nm LED arrays
IR detection range	Up to 1.0m
Video output	AHD coaxial HD standard, 4Pin aviation cable
Power supply	DC12V± 10%
Power Consumption (max)	150mA/DC12V±5%
Operating temperature	-40°C ~ 70°C
Dimensions	97.9mm*45.3mm*75.9mm (L*W*H)
Net weight	above 210g

Dimension (unit: mm)



Video output cable interface

