fleetly®

FT-AHD-GC02
Vehicle AHD IR Camera

FULL HD
280H*720V Resolution
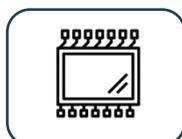
CMOS Sensor
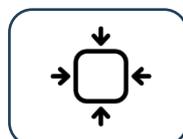
Compact size

Auto electronic shutter

AWB
Auto white balance

IR Night vision

CE UK CA PTCRB

Product Summary

FT-AHD-GC02 is a compact mini lightweight AHD vehicle camera delivering full HD 720p (1080p variant available) resolution suitable for vehicles to mount anywhere within the vehicle. Typical usage includes driver facing.

Key Features:

➢ 1/3" 1.3M pixel CMOS

➢ Resolution: 1280H*720V

➢ 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: 10-15m

➢ Compact design and easy installation to ensure good damping performance of vehicles

➢ Built-in on-board audio pick-up with effective range up to 5m

Technical Specification

Parameters	Description
Model	FT-AHD-GC02
Image sensor	1/3" 1.3M pixel CMOS
Resolution	1280H*720V
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: 130° VFOV: 73° DFOV: 150°
	2.8mm M12@ F2.0, FOV HFOV: 91° VFOV: 50° DFOV: 107°
	3.6mm M12@ F2.2, FOV HFOV: 73° VFOV: 41° DFOV: 85°
IR detection range	10-15m (2 LED arrays)
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	Hanging-mounted
Adjustable angle	15° to 107° (horizontally up and down) adjustable
Dimensions	58mm*61mm*47.5mm (L*W*H)
Net weight	above 125g

Dimension (unit: mm)
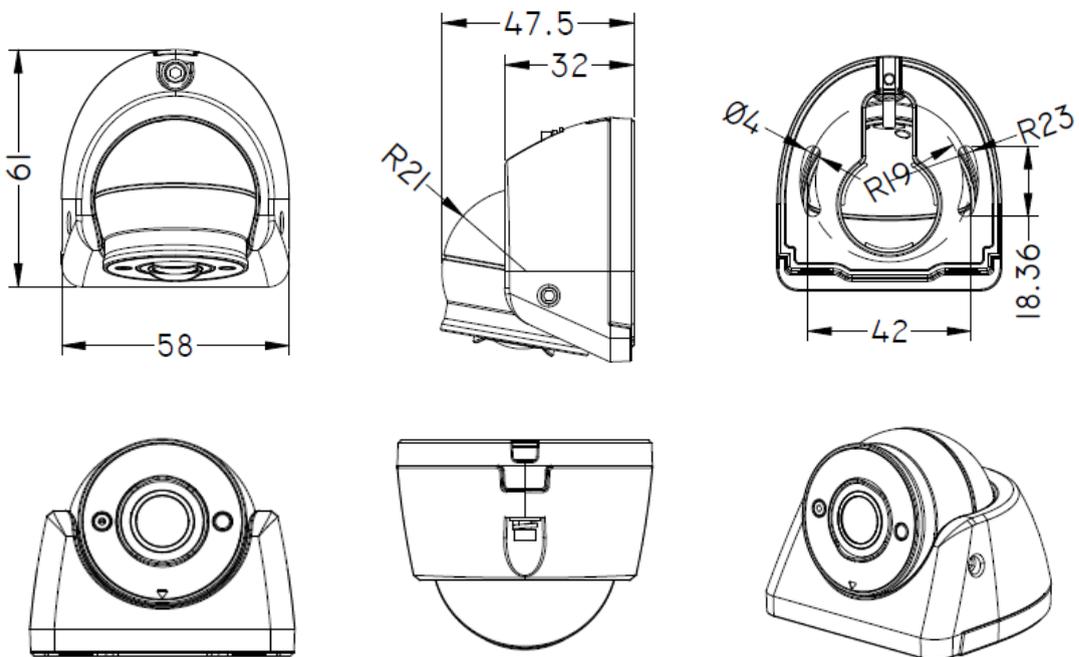
Video output cable interface
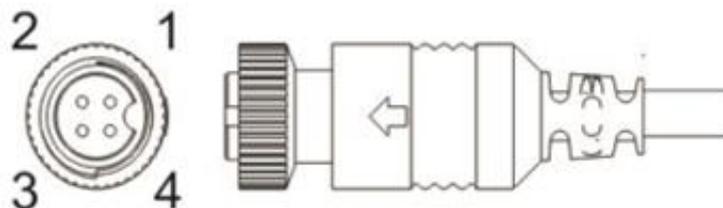
1---12VDC(+)   3---AUDIO
2---12GND(-)   4---AHD VIDEO

Appearance