FT-AHD-GC06 ● CAMARA
Technical Datasheet
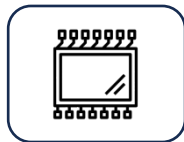
FT-AHD-GC06
Vehicle AHD IR Camera

FULL HD — 2MP High Resolution
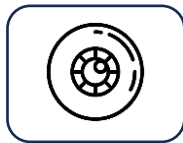
CMOS Sensor

IP65 — IP65 Protection

With audio

3.6mm Fixed Lens

IR Night vision

Product Summary

FT-AHD-GC06 is a compact mini lightweight AHD vehicle camera delivering full HD 720p resolution suitable for vehicles to mount anywhere within the vehicle. Typical usage includes driver facing.

Key Features:

➢ Mini IR Dome Camera, easy for Pan/tilt adjustment

➢ 1/2.9" CMOS

➢ High Resolution: 2MP (1080P)

➢ Minimum Illumination: 0.1Lux at F1.2, Color mode, 0 Lux IR ON

➢ 3.6mm fixed Lens (2.8/2.1mm lens for option)

➢ With audio Available

Technical Specification

Model	
	FT-AHD-GC06

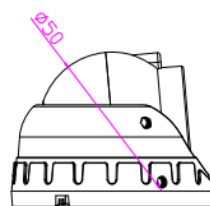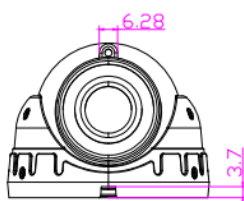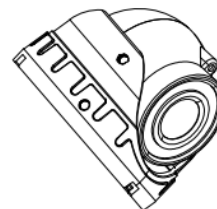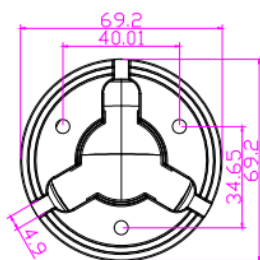| Camera	
Sensor	1/2.9" CMOS senor
Signal Format	PAL / NTSC
Picture Elements	1920(H) x 1080(V)
Horizontal Resolution	2000TVL (1080P/2 Megapixels)
Lens	Megapixel 3.6mm Fixed Iris Lens (2.8/2.1mm lens for option)
Viewing angle	3.6mm: 90 degree, 2.8mm: 110 degree, 2.1mm: 120 degree
Lens Mount	M12xP0.5mm Thread
Exterior Focus Adjustment	N/A
Synchronization	Internal sync.
S/N Ratio	Over 44dB (AGC off)
Auto Gain Control	Auto
White Balance	Auto
Electronic Shutter	AUTO/ 1/50（1/60）-1/100,000sec
Back Light Compensation	Auto
Mirror	No mirror image by default
Gamma Ratio	0.45
Day & Night	Auto
Auto-iris Lens Control	N/A

IR	
Infrared LED	12 LEDs
Infrared Spectrum	940nm (no red dot when IR on)
Infrared LED Range	5m
Sensitivity	0.1Lux at F1.2, Color mode, 0 Lux IR ON

Hardware and others

Video Output	AHD video, 4PIN Aviation female connector
Cable length	30cm by default, can be extended by extension Cable
Audio	Available (with built-in Mic)
Pan Adjusting	Available
Tilt Adjusting	Available
Power Supply	12V DC ±10%
Power Consumption	160mA ±10%
Dimensions (L x W x H)	Φ69.2*52.8mm
Net Weight	200g
Protection Level	IP65
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +80°C
Humidity	≤85%RH

Dimension (unit: mm)

+12V 1	4 Video
GND 2	3 Audio

4PIN Aviation interface -Female

Appearance