

HD Portable Rugged PTZ Cameras

(IR)



CAHC-K2001-IR



Features

- ※2.2MP HD Sensor, supporting 1080p,1080i,720p and CVBS output, full digital video technology;
- ※HD-SDI and CVBS output simultaneous;
- ※HD-SDI for transfer of HD video,CVBS, power and RS-485;
- ※Efficient 60M IR Lighting,excellent night visionperformance;
- ※Magnesium Alloy front cover;
- ※Portable with compact design & high reliability;
- ※Advanced mechanical system with high speed and free-maintenance motor design;
- ※Optional Damping system;
- ※WDR supported;
- ※Built in Defogger;
- ※Image Flip supported;
- ※Soft address supported;
- ※Self-adaption of Protocol & Baud rate;
- ※Wide range of voltage input(10.8-28V);
- ※Auto power-off with low power supply;
- ※Random Scan, Auto Scan, Frame Scan supported.

Introduction

The portable rugged PTZ camera is designed for practical and extreme applications, such as military field surveillance, security outdoor evidencing etc.It is featured as weather-proof, anti-vibration and anti-corrosion

It can be deployed into a mobile surveillance system, consisting of ptz camera, vehicle video recorder, monitor, control system and 3G wireless video transmitter. Meanwhile a remote controller is available for the user inside the vehicle to control the camera outside.



POLICE/GOVERNMENT



MARINE/SHIPS



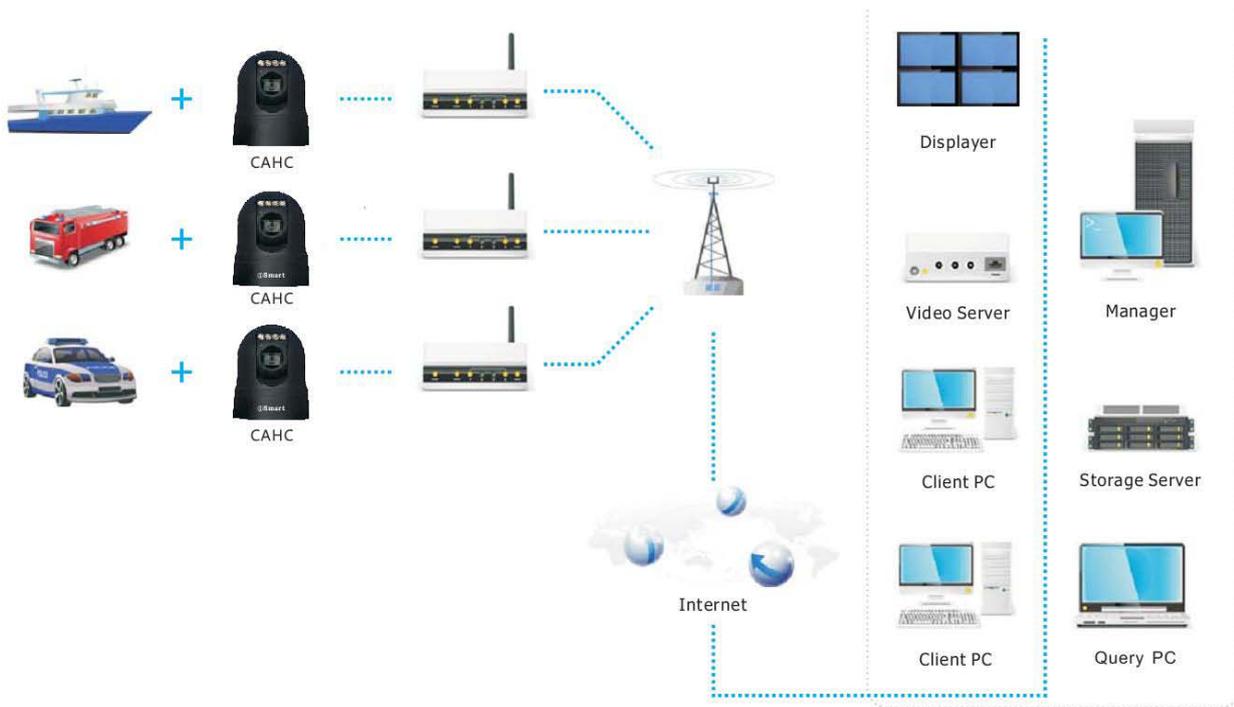
ARMY/BORDER PATROL



FIRE ALARM/RESCUE

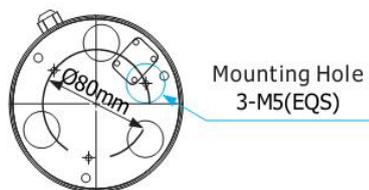
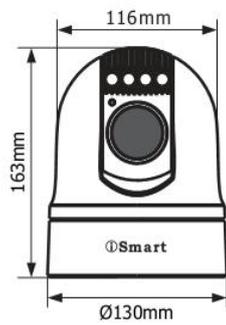
System Diagram

Mobile Application

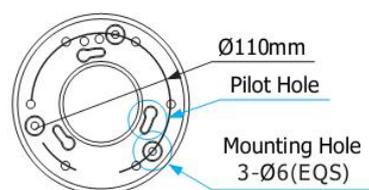
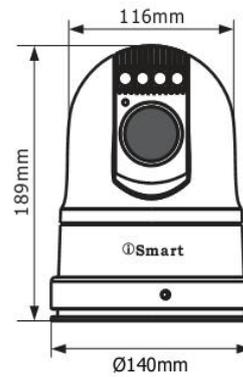


Dimensions

With No Damper



With Damper (Optional)



Technical Data

Camera

Image Sensor	1/2.8"inch, Exmor CMOS
Effectie Pixel	2.2 Megapixel
Video Output	HD:1080p30/1080p25/1080i60/1080i50/720p60/720p50 SD:PAL/NTSC
Min Illumination	1.5 Lux/F1.6 (50 IRE): Color 0.1 Lux/F1.6 (50 IRE): B/W
White Balance	Auto
Focus	Auto / Manual/PTZ trigger
Exposure	Auto / Shutter priority
S/N Ratio	Not less than 50dB
BLC	On / Off
WDR	On / Off
Digital Noise Reduction	On / Off
Day/Night	Auto / Manual

LENS

Optical Zoom	20X
Digital Zoom	12X
Focal	f = 4.5 to 94mm
IRIS	F1.6 - F3.5
Angle Field of View	H: Appr.55.4°(Wide) to 2.9°(Tele)

PTZ

Pan Range	360° Continuous
Pan Speed	Control speed: 0.05° - 120°/s, adjustable; Preset speed:150°/s
Tilt Range	-15° - 90°(Auto Flip)
Tilt Speed	Control Speed: 0.03° - 90°/s, adjustable; Preset speed:120°/s
Preset	256
Preset Precision	± 0.05°

Light

IR Wave Lenth	850nm/940nm
Range	60M/50M
Switch	Auto / Manual

General

OSD Language	English
Comm.Interface	RS-485
Video Interface	HD:HD-SDI / SD : CVBS
Protocol	Pelco-P / Pelco-D
Baud Rate	2400bps,4800pbs,9600pbs,(self-adaptive)
Address	0 - 255
Voltage	DC10.8 - 28V
Power	15W(Standby) 30W (Aux lights On, degogger ON, and P/T running continuously)
Working Temperature	- 35°C - + 65°C
IP Code	IP66, TVS, Anti-surge
Mounting Type	Magnet / Fixed / Fixed with Damper
Dimensions	Φ130(mm) 173(mm) w/o damper Φ140(mm) 199(mm) with damper
Weight	Fixed Mount:1.6kg Magnet Mount:1.7kg Fixed with Damper:2.1kg

Product specification are subject to change without notice

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