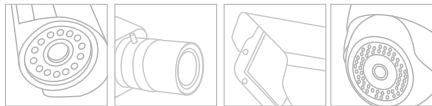
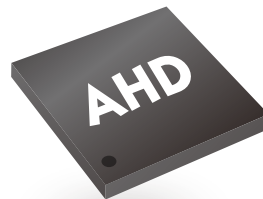




Now you can see!



Now you can see!



USER MANUAL

- 720P Basic-AHD Series



www.provision-isr.com

Contents

- 1) CAUTIONS
- 2) Product Introduction
 - 2.1 Camera Introduction
 - 2.2 Product Features
- 3) Product Installation
 - 3.1 General Notes
 - 3.2 Installation Tools and Information
 - 3.3 Installation Method
 - 3.4 Connections
- 4) Technical Specification

1 CAUTIONS

1. To reduce the risk of electric shock, do not open the machine and maintain by yourself, please consult a professional service person.
2. To prevent fire or shock hazard, use the power after safety certification, the input voltage, current, voltage polarity and operating temperature must meet the requirements of this camera.
3. Please note the operating temperature and environmental requirements of the camera, avoid too low or too high temperature. General operating temperature range of $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$ (Fahrenheit temperature is $14^{\circ}\text{F} \sim 122^{\circ}\text{F}$). Avoid flooding and rain, minimize dust and moisture erosion, otherwise camera would be damaged.
4. Cameras in use should avoid direct sunlight, glare, otherwise the sensor will be damaged.
5. Do not touch the sensor surface, if any foreign objects exists, a cotton swab or lens paper can be used to wipe, if it is difficult to remove, a neutral detergent diluted with water would be useful. Do not use corrosive solution.

6. In order to make the camera work smoothly and obtain satisfactory image, the power cord and video connection can not be too long, otherwise the increase of line loss will lead to the inadequate magnitude of the operating voltage of the camera or video signal Inadequate.
7. In order to prevent the camera from falling, please do not place the camera on an unstable bracket, base or other unstable objects. Otherwise it will lead to injury, at the same time, the camera will be damaged.
8. The camera cannot be placed near the radiator or heating resistor.

2 Product Introduction

2.1 Camera Introduction

PROVISION-ISR's new series of cameras are adopted CMOS image sensor with high performance, which provides mega pixel resolution and supports HD video. Moreover, it supports monitoring signals coaxial transmission. Transmission distance can reach more than 300M based on 75-3 coaxial cable. The series can support both AHD/CVBS 960H output as well as realize high speed, long distance and real time video transmission.

2.2 Product Features

- 1/3" 1.3M CMOS Sensor
- AHD 720P 25fps/30fps
- AHD, CVBS format output
- Low Illumination, 0.01LUX@(F1.2, AGC ON)
- Auto White balance
- Auto Electronic Shutter
- Auto Gain Control
- 2DNR

3 Product Installation

3.1 General Notes

1. Make sure the unit is powered off before installation.
2. Check power supply voltage consistent with the electric voltage to prevent voltage unworthy, resulting in damage to the device.
3. Do not use in the environment beyond the boundaries of the temperature, and maintain good ventilation to prevent the rain in order to reduce the risk of fire or electric shock.
4. The installation and maintenance of this product should be professional, please do not in any way to remove or modify the equipment; can only use the required accessories of manufacturers. Problems caused by unauthorized repair are at your own risk.

3.2 Installation Tools and Information

Prepare the required engineering data and instructions. Before installation please prepare the following tools and instrumentation: A straight or a Phillips-head screwdriver, multi-meter, scissors, needle nose pliers, tape measure, pencil and so on.

3.3 Installation Method

1. Check the equipment whether it is damaged.
2. Mounting bracket or base.
 - ① If the cement wall, install the expansion screws (expansion screw holes need stand or base hole), and then mount bracket or base.
 - ② If the wooden wall, use self-tapping screws to mount.

3. Mounting the camera

a. Dome Camera

Adjust the lens position and make it aim at the monitoring points and present a clear picture, manually fix lens location and adjust the hemisphere cover. Re-examine the screen whether the character meets the requirement. Tighten the hemisphere cover.

b. Bullet Camera

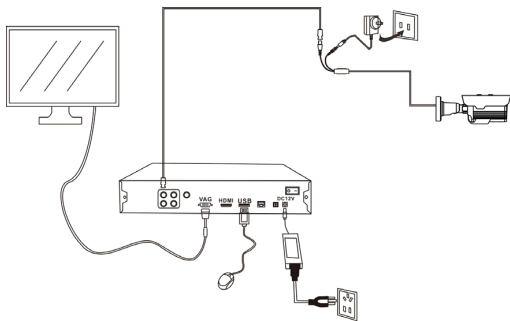
Adjust the body so that the lens aims at the monitoring points and presents a clear picture. Tighten the screws, to ensure that it does not move.

Installation method above is for reference only, the specific installation, please be kind.

Note:
The wall needs to bear at least 3X weight of bracket (base) and camera.

3.4 Connection

Connection as shown in the figure below



4 Specifications:

Basic-AHD camera (720P)

DI-380AHDB36 / I1-380AHDB36

Model	DI-380AHDB36	I1-380AHDB36
Image Sensor	1/3" 1.3M Prime Sensor CMOS	
Effective Pixels	1296(H) × 964 (V)	
Scanning System	Internal synchronization	
Resolution	Digital:1280×720, Analog:960H	
Min. Illumination	COLOR: 0.1Lux@(F1.2, AGC ON), B&W: 0.01Lux@(F1.2, AGC ON)	
Day & Night	EXTERNAL	
IR LED	24 LED (15m)	24 LED (15m)
OSD Menu	Not Available	
Backlight Compensation	Not Available	
S/N Ratio	≥48dB (AGC Off)	
White Balance	Auto	
Noise Reduce	2D-NR	
Video Output	AHD: (720P@25fps, 720P@30fps), CVBS: (1280x576 , 1280x480)	
Defog	Not Available	
Privacy Mask	Not Available	
Motion Detection	Not Available	
D-Effect	Not Available	
Lens	3.6mm	3.6mm
Power	DC12V±10%	
Operation temp.	-20°C~+45°C, Humidity 90% or less (non-condensing)	
Dimension	98.8*98.8*90mm	162.5*67.5*67.5mm
Net Weight	160g	180g