1 Introduction

1.1 Product Features

This series of camera adopts new generation sensor with high sensitivity and advanced circuit design technology. It features high resolution, low image distortion, low noise, etc., which makes it suitable for surveillance system and image processing system.

2 Installation

Before you start:

• Please make sure that the device in the package is in good condition and all the assembly parts are included.
• Make sure that all the related equipment is power-off during the installation.
• Check the specification of the products for the installation environment.
• Check whether the power supply is matched with your power output to avoid damage.
• If the product does not function properly, please contact your dealer or the nearest service center. Do not disassemble the camera for repair or maintenance by yourself.

2.1 Ceiling Mounting

Steps:
1. Drill the screw holes and the cable hole in the ceiling according to the supplied drill template.
2. Hammer the supplied plastic expansion bolt into the screw holes.
3. Route the cables to the cable hole and connect the corresponding cables.
4. Fix the camera to the ceiling with the supplied PA4 screws.
5. Device supports 12V DC and 24V AC power supply. Heater function will only be enabled with 24V AC.
2.2 Wall Mounting

Steps:
1. Drill the screw holes and the cable hole in the ceiling according to the supplied drill template.
2. Hammer the supplied plastic expansion bolt into the screw holes.

5. Rotate the cover of camera anticlockwise and the direction button, auxiliary video interface, and the DIP switch show.

3. Display on
4. Motion view on
5. Default

Figure 2-2 Fix the Camera to the Ceiling

Figure 2-3 Image Adjustment

Figure 2-4 3-axis Adjustment

Figure 2-5 Fix the Camera to the Wall

3. Menu Operation

3.3.3 Scene

3.3.8 Special

Camera Title: Edit the camera title on this section.

D-effect:
- FREEZE: Set the freeze function as ON or OFF.
- MIRROR: OFF, MIRROR, V-FLIP, and ROTATE are selectable for mirror.
- D-ZOOM: Define the zoom ratio of certain area from 2 to 62.
- NEG.IMAGE: Set the NEG IMAGE as ON or OFF.

Figure 3-1 Main Menu

Figure 3-2 Exposure

Figure 3-3 HSBLC

Figure 3-4 NR

Figure 3-5 3D NR

Figure 3-6 Special

Figure 3-7 Motion Detection

Motion: Select a MOTION area. Set the DISPLAY status as ON or OFF. Press the up/donw/left/right button to define the position and size of the area. Set the SENSITIVITY from 0 to 100. Set the MOTION VIEW status as ON or OFF.

Privacy: Select a PRIVACY area. Set the DISPLAY status as INV, MOSAIC, COLOR or OFF. Press the up/donw/left/right button to define the position and size of the area. Up to 8 areas are configurable.

Defect: LIVE DPC and STATIC DPC are selectable in this section.

Figure 3-8 Privacy Mask

Figure 3-9 Adjust

HEAT CTRL: AUTO, ON and OFF are selectable in this section.

3.3.9 Adjust

Sharpness: Adjust the sharpness from 0 to 15.

Monitor: Monitor CRT, and Monitor LCD are selectable.

LSC: Set the LSC status as ON or OFF.

3.3.10 Reset

Reset all the settings to the default.

3.3.11 Exit

Press OK to exit the menu.