



External IR LED Illuminator Instruction Manual

(Applied Model: AIR070/080/150)

Released on 2019.01.03

This manual is subject to change without notice

AIR 070/080

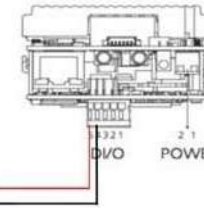
Overview



Hardware Installation



1. Connect one wire to ALM_out_NO
2. Connect one wire to ALM_out_COM



D/I/O

1	ALM_IN (+)
2	ALM_IN (-)
3	ALM_out_NC
4	ALM_out_COM
5	ALM_out_NO

Maintenance

1. Cut off power before maintenance.
2. Clean the glass regular to get better transmission of light.
3. Clean the housing to get well heat dissipation performance.
4. Clean by dry dishcloth, don't use water or strong corrosive solution.

AIR0150

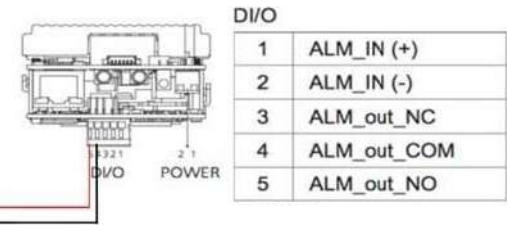
Overview



Hardware Installation



3. Connect one wire to ALM_out_NO
4. Connect one wire to ALM_out_COM



D/I/O	
1	ALM_IN (+)
2	ALM_IN (-)
3	ALM_out_NC
4	ALM_out_COM
5	ALM_out_NO

Maintenance

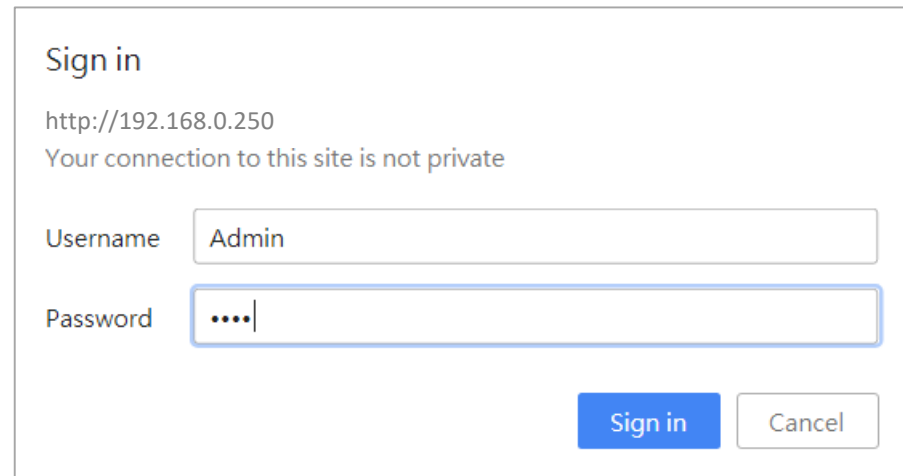
5. Cut off power before maintenance.
6. Clean the glass regular to get better transmission of light.
7. Clean the housing to get well heat dissipation performance.
8. Clean by dry dishcloth, don't use water or strong corrosive solution.

Installation Instruction and Warning

1. The product includes fragile parts. Take care on every transportation steps and hold carefully, do not stress!
2. Make sure the installation position can take 10 times the weight of product
3. Don't turn on the power of product before installation is done to avoid electric shock, the outlet of power wire should be installed downward.
4. Through the installation hole on the mounted bracket, the product can be directly fixed on pole or surface by screws.
5. Adjust the angle of product by losing screws on bracket, camera and illuminator should be installed to the same horizontal and vertical direction.
6. Link power wires tightly and make it waterproof to avoid electric shock.
7. Connect with extra power wire should make it waterproof at the same.
8. Don't use against any fire precaution rules during operation
9. Installation requested professional operation and qualified personnel.
10. Before power on, make sure the input voltage is the same as required voltage showing on label to avoid damage of product.
11. If the product voltage is above safety voltage 36V, please install it away from crowd, dispose the grounding of earth wire and make sure lightning protection is done.
12. To ensure the life time of product, please do not install in salt, acid, fog environment.
13. Connect our sales person if you need additional parts for installation.

Web Browser

1. Locate and open the Internet Explorer (IE) shortcut on the desktop.
2. In the address bar, type 192.168.0.250 (default IP address of the camera) and then press the enter button.
3. You will be prompted with a pop-up window asking for log-in information, type in "Admin" (default log-in name) and "1234" (default password)



The image shows a 'Sign in' dialog box from a web browser. At the top, it displays the URL 'http://192.168.0.250' and a warning: 'Your connection to this site is not private'. Below this, there are two input fields: 'Username' with the text 'Admin' and 'Password' with four dots. At the bottom right, there are two buttons: a blue 'Sign in' button and a white 'Cancel' button.

Sync External IR Control with Camera

1. Select "Relay Handler"
2. Switch "N.C." in Type

Relay Handler

Configurations

Trigger Alarm Detection : OFF

Trigger Motion Detection : OFF

Trigger Tampering Alarm : OFF

Trigger Object Detection : OFF

External IR LED Control : ON

Type : (2)

Off Time : (0-30s)

Save

1

Set Up External IR in LPR Mode

1. Select "LPR" in Mode
2. Set up the IR On/Off time in Auto Day/Night Switch
3. Switch "On" in External IR LED Control

Scenario

Mode : (1)

Configurations

Max Car Speed : (0-200KM)

Max Sens Up Gain : (0-512)

Auto Day/Night Switch : OFF (2)

Threshold : 1020.5 lux

Current Value : 30.8 lux

External IR LED Control : ON (3)

Two Value Converter : OFF

Threshold : (0-255)

Defog : (0-255)

IR Max Power : (0-100)

Default

2

Set Up External IR in Overview Mode

1. Select "Overview" in Mode
2. Select "User Define" in Scenario
3. Set up the IR On/Off time in DayNight Control
4. Switch "On" in External IR LED Control

Pixel Counter

Network

Basic
FTP
SSL
SSH
802.1x
SNMP
Firewall
LDAP
DDNS
RTSP
GB28181

System

Date/Time
Maintenance
User Management

Event

Alarm Handler
Motion Detection
Tampering Alarm
Object Detection
FTP Upload
SMTP Notification
Network Storage
Relay Handler
SD Record Handler

Traffic Mode

Mode : Overview

Scenario : User Define

Configurations

Day Exposure Time : 1/375s

Night Exposure Time : 1/375s

Sens Gain : 300 (0-512)

Iris control : 100%

AWB Mode : Auto

RG Gain : 0.01 (0.00-10.00)

BG Gain : 0.01 (0.00-10.00)

Defog : OFF

Noise Reduction : OFF

Day Night Settings

DayNight Control : Auto

IR Cut Control : Auto

IR LED Control

IR LED Control : Auto

Wide IR Control : Auto

Tele IR Control : Auto

External IR LED :

Default

Set Up External IR in Advance Setting

1. Select "Advanced Settings" in Mode

Video

Video Configuration
Audio Configuration
Digital Zoom

Image

SmartCatch Settings
Basic Settings
ROI
Privacy Zone
OSD
Pixel Counter

Network

Basic
FTP
SSL
SSH
802.1x
SNMP
Firewall
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System

Date/Time
Maintenance
User Management

SmartCatch Settings

Scenario

Mode : Advanced Settings

Configurations

Profile : Day

Day AE Mode : Auto

Day Adjustment : 128 (0-255)

Day Iris control : 100%

Day Exposure Time Control : User Define

Day Maximum Exposure Time : 1 / 15 (7-20000)

Day Minimum Exposure Time : 1 / 20000 (7-20000)

Day Exposure Time : 1 / 375 (7-20000)

2. Select “Relay Handler” in the left tap bar
3. Switch “On” in External IR LED Control

Relay Handler

Configurations

Trigger Alarm Detection : OFF

Trigger Motion Detection : OFF

Trigger Tampering Alarm : OFF

Trigger Object Detection : OFF

External IR LED Control : ON

Type : N.C.

Off Time : 0 (0~30s)

Save

Video

- Video Configuration
- Audio Configuration
- Digital Zoom

Image

- SmartCatch Settings
- Basic Settings
- ROI
- Privacy Zone
- OSD
- Pixel Counter

Network

- Basic
- FTP
- SSL
- SSH
- 802.1x
- SNMP
- Firewall
- LDAP
- DDNS
- RTSP
- GB28181

System

- Date/Time
- Maintenance
- User Management

Event

- Alarm Handler
- Motion Detection
- Tampering Alarm
- Object Detection
- FTP Upload
- SMTP Notification
- Network Storage
- Relay Handler
- SD Record Handler
- TCP Notify