# PLANET
Networking & Communication

# AHD Camera
CAM-AHD325／CAM-AHD425

# AHD 1080p IR Camera

Infrared
Coaxial 500m
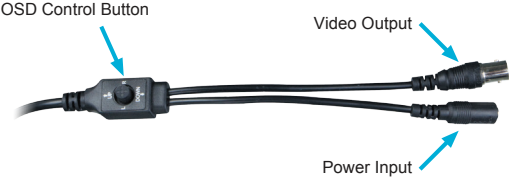Weatherproof
AHD-H 1080p
0 Lux Min. Illumination

# 1. Packet Contents

**VERIFY THE CONTENTS INSIDE THE PACKAGE BOX**

The package should contain the items plus CAM-AHD325/ CAM-AHD425. If any item is missing or damaged, please contact the seller immediately.

| | |
|---|---|
|  |  |
| Quick installation guide x 1 | Hex wrench x 1 (CAM-AHD325 only) |
|  |  |
| CAM-AHD325 | CAM-AHD425 |
| Screw packet x 1 | |

# 2. Physical Introduction

| CAM-AHD325 | CAM-AHD425 |
|---|---|



IR LED

IR LED      Sunshield



OSD Control Button

Video Output

Power Input

| Connector | Description |
|---|---|
| Power Input | Connect to a 12V DC power adapter. |
| Video Output | BNC connector for analog video output. |

# 3. Hardware Installation

1. Place the camera in a suitable location and attach with screws.
2. Adjust the camera to the correct direction.
3. Connect video output connector to your AHD DVR.
4. Connect a 12V DC power adapter to the Power Input connector.

| | |
|---|---|
| Note | Before connecting the power adapter to the camera, please make sure the power output voltage is 12V DC (max. ±10%). If you are not sure of this part, we suggest you use a 12V DC switching power adapter. It can provide stable power output. |

# 4. OSD Function

```
            MAIN MENU

1. LENS          MANUAL/DC
2. EXPOSURE      ↵
3. BACKLIGHT     OFF/HSBLC/BLC
4. WHITE BAL     ATW/AWB/MANUAL/OUTDOOR/
                 INDOOR/AWC-SET
5. DAY & NIGHT   EXT /AUTO/COLOR/B/W
6. NR            ↵
7. SPECIAL       ↵
8. ADJUST        ↵
9. EXIT          SAVE&END ↵
```

# Setting Steps

## 1. Exposure

```
                EXPOSURE
1. SHUTTER      AUTO/1/25~1/50000
2. AGC          0---15
3. SENS-UP      OFF/AUTO
4. BRIGHTNESS   0---100
5. D-WDR        OFF/ON/AUTO
6. DEFOG        OFF/AUTO
7. RETURN       RET◄┘
```

## 2. Digital Noise Reduction

```
            NR
1. 2DNR     MIDDLE/LOW/HIGH/OFF
2. 3DNR     MIDDLE/LOW/HIGH/OFF
3. RETURN   RET
```

## 3. Special Functions

```
                SPECIAL
1. CAM TITLE    OFF/ON
2. D-EFFECT     ◄┘
3. MOTION       OFF/ON (4 AREAS)
4. PRIVACY      OFF/ON (4 AREAS)
5. LANGUAGE     ENG/CHN/NED/POR/RUS/
                POL/SPA/ITA/FRA/GER
6. DEFECT       ◄┘
7. RS485        ◄┘
8. RETURN       RET ◄┘
```

## 4. Adjust

```
                ADJUST
1. SHARPNESS    AUTO/OFF
2. MONITOR      CRT/LCD
3. LSC          OFF/ON
4. VIDEO.OUT    PAL/NTSC
5. RETURN       RET◄┘
```

# 5. Specifications

| Product | | |
|---|---|---|
| Model | CAM-AHD325 | CAM-AHD425 |
| **Camera** | | |
| Sensor | SONY 1/2.8" 2MP CMOS | |
| Effective Picture Elements | 1920(H) x 1080(V) @ 30fps | |
| Lens Furnished | Board Lens 3.6mm/F1.2 | |
| Minimum Illumination | 0.01 lux @ F1.2 (AGC ON), 0 lux with built-in IR LED | |
| **LED** | | |
| IR LED | 36 units of 850nm High Power IR LED | 24 units of 850nm High Power IR LED |
| IR Project Distance | 30 meters | 20 meters |
| **Video & Audio** | | |
| S/N Ratio | More than 58 dB | |
| White Balance | Automatically (1800K ~ 10500K) | |
| Gamma Characteristic | 0.45 | |
| Gain Control | Automatically | |
| Auto Electronic Shutter | 1/50(1/60)s~1/100,000s | |

| Noise Reduction | 2D/3D | |
|---|---|---|
| Synchronous System | Internal | |
| Transmission Distance | Coaxial transmission common 75-3 cable up to 300-500 meters | |
| **Environment** | | |
| Operating Temperature | -20 to 50 degrees C | |
| Video Output | 1 Vp-p Composite Video/75 ohms | |
| Power Supply | 12V DC, 1A | |
| Water Resistance | IP66 | IP65 |
| Dimensions (W x D x H) | 83 x 192 x 77 mm | 98 x 110 x 77 mm |

## Further Information

If you have any other question, please contact the dealer where you purchased this product or you can contact PLANET directly at the following email address: support_ica@planet.com.tw

# www.PLANET.com.tw