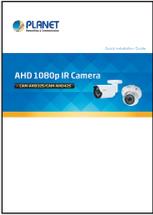


## 1. Packet Contents

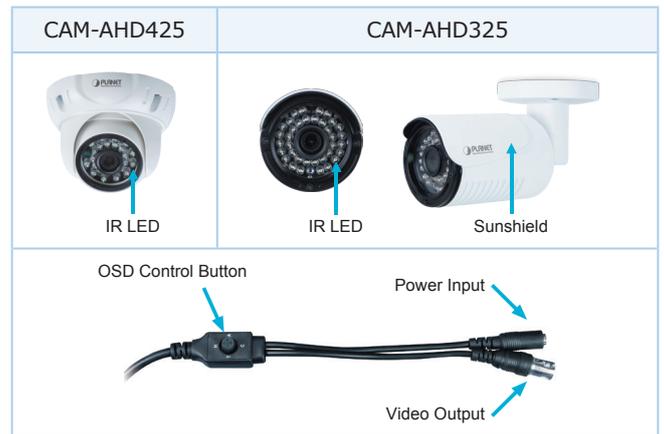
### VERIFY THE CONTENTS INSIDE THE PACKAGE BOX

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<br>(CAM-AHD325 only)   |
|  |  |
| CAM-AHD325  | CAM-AHD425  |
| Screw packet for each model x 1   |   |

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## 2. Physical Introduction



| Connector                 | Description                            |
|---------------------------|--|
| Power Input               | Connect to a 12V DC power adapter.     |
| Video Output              | BNC connector for analog video output. |
| OSD Control Button        | Description                            |
| H                         | AHD Mode                               |
| T                         | TVI Mode                               |
| C                         | CVI Mode                               |
| A                         | CVBS Mode                              |
| Press & Direction Control | OSD Configuration                      |

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## 3. Hardware Installation

- Place the camera in a suitable location and attach with screws.
- Adjust the camera to the correct direction.
- Connect a 12V DC power adapter to the power input connector.
- Connect to the DVR and select your channel. Next, select required mode via the OSD control button and hold the button for about 5 seconds to take effect. After that, the image of camera will be shown on the channel.
- Press the OSD control button to enter the main menu of OSD function for configuration.



Note

Before connecting the power adapter to the camera, please make sure the power output voltage is 12V DC (max.  $\pm 5\%$ ). If you are not sure of this part, we suggest you use a 12V DC switching power adapter. It can provide stable power output.

### 3.1 OSD Function

|               |             |
|---------------|-------------|
| MAIN MENU     |             |
| AE            | ↶ ↷         |
| WB            | ↶ ↷         |
| DAY-NIGHT     | ↶ ↷         |
| VIDEO SETTING | ↶ ↷         |
| LANGUAGE      | ◀ ENGLISH ▶ |
| RESET         | ↶ ↷         |
| SAVE-EXIT     | ↶ ↷         |
| EXIT          | ↶ ↷         |

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### 3.2 Setting Steps

#### 1. Exposure

|               |           |
|---------------|-----------|
| EXPOSURE      |           |
| BRIGHTNESS    | ◀ 8 ▶     |
| EXPOSURE MODE | ◀ GLOBE ▶ |
| GAIN          | ◀ 16 ▶    |
| RETURN        | ↶ ↷       |

#### 2. White Balance

|        |         |
|--------|---------|
| WB     |         |
| MODE   | ◀ ATW ▶ |
| RETURN | ↶ ↷     |

#### 3. Day & Night

|             |         |
|-------------|---------|
| DAY / NIGHT |         |
| MODE        | ◀ EXT ▶ |
| RETURN      | ↶ ↷     |

#### 4. Adjustment

|               |          |
|---------------|----------|
| VIDEO SETTING |          |
| CONTRAST      | ◀ 3 ▶    |
| SHARPNESS     | ◀ 9 ▶    |
| COLOR GAIN    | ◀ 7 ▶    |
| DNR           | ◀ 3 ▶    |
| FORMAT        | ◀ NTSC ▶ |
| WDR           | ◀ OFF ▶  |
| RETURN        | ↶ ↷      |

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[www.PLANET.com.tw](http://www.PLANET.com.tw)

## AHD 1080p IR Camera

▶ CAM-AHD325/CAM-AHD425



**PLANET Technology Corp.**

10F., No. 96, Minquan Rd., Xindian Dist., New Taipei City 231, Taiwan

2011-L00290-002



### 4. 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             | Fixed Lens 3.6mm/F1.2                       |                    |
| Minimum Illumination       | 0.01 lux @ F1.2, 0 lux with built-in IR LED |                    |
| LED                        |   |                    |
| IR LED                     | 36pcs $\Phi$ 5 LED                          | 24pcs $\Phi$ 5 LED |
| IR Project Distance        | 30 meters                                   | 25 meters          |
| Video & Audio              |   |                    |
| Hybrid Signal Output       | AHD/TVI/CVI/CVBS mode                       |                    |
| S/N Ratio                  | More than 52 dB                             |                    |
| Day & Night                | Auto/Color/B/W/EXT                          |                    |
| D-WDR                      | ON/OFF                                      |                    |
| White Balance              | ATW/MWB                                     |                    |
| Gamma Characteristics      | 0.45  |                    |
| Exposure Mode              | Globe/Center/BLC/FLC                        |                    |

| Shutter Speed           | 1/25s~1/45,000s  |                  |
|-------------------------|--|------------------|
| Digital Noise Reduction | 2D DNR   |                  |
| Defog                   | Auto/ON/OFF  |                  |
| AGC                     | Auto/Manual  |                  |
| Transmission Distance   | Coaxial transmission over common 75-3 cable up to 300-500 meters |                  |
| Environment             |  |                  |
| Cold Boot Temperature   | -20 to 50 degrees C  |                  |
| Operating Temperature   | -30 to 50 degrees C  |                  |
| Humidity                | ≤85%RH   |                  |
| Power Supply            | 12V DC, 1A   |                  |
| Water Resistance        | IP66   | IP66             |
| Dimensions (W x D x H)  | 83 x 192 x 77 mm   | 67 x 160 x 66 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