Quick Start Guide

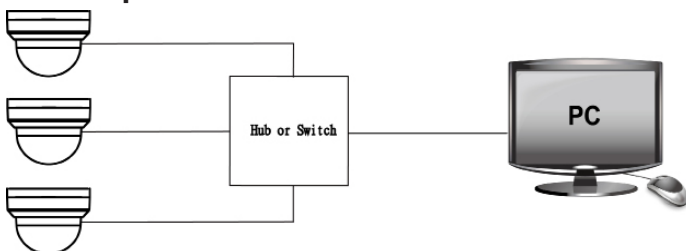Please read this quick start guide thoroughly before use!

NETWORK CAMERA

● SAFETY

1. This quick start guide is designed for users who have adequate knowledge of network camera.

2. Do not touch the sensor imaging surface. Use soft cloth moistened with alcohol to clean the surface if it is touched accidentally.

3. Ensure the supply voltage is correct as specified for the particular variant of camera before operation.

4. Do not attempt to service this unit yourself unless you are authorised to do so. Opening the camera may expose you to dangerous voltages or other hazards. Refer all servicing to qualified personnel only.

5. For more detail installation and operation, please refer to the full operating instructions on CD.
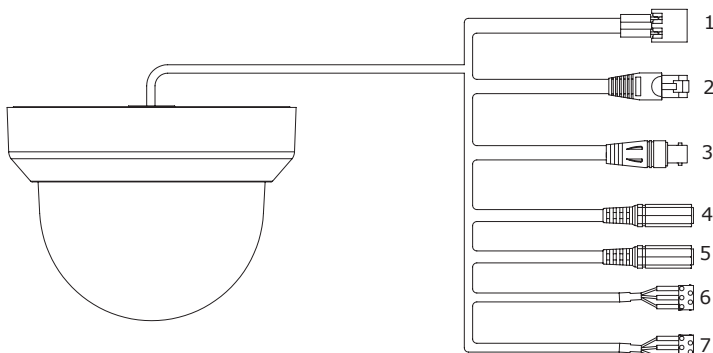
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● Concept of Network Camera
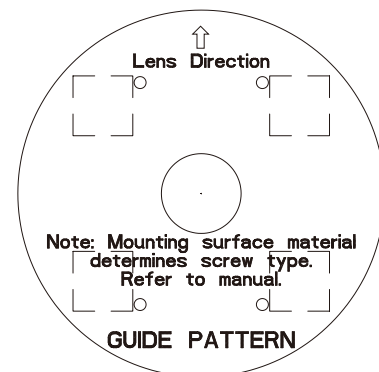
●PARTS' LOCATIONS AND FUNCTIONS

1. Power In (Red+/Black-): power connector, DC12V/AC24V

2. RJ-45 Ethernet Connector: network connection. Support PoE (Power over Ethernet) cable.

3. BNC: video output

4. Audio Out (Green): audio output

5. Audio In (Red): audio input

6. Alarm Out (Orange): alarm signal output port

   Reserved (Green)

   RS485 (Yellow)

7. GND: ground (electricity) in electrical circuits

   Alarm In 1 (Red): alarm signal input port

   Alarm In 2 (Brown): alarm signal input port

● Camera Installation

Mounting the camera- ceiling mount and wall mount

Drill the Mounting Location

1. Place the "Guide Pattern Sticker" on the desired mounting location.
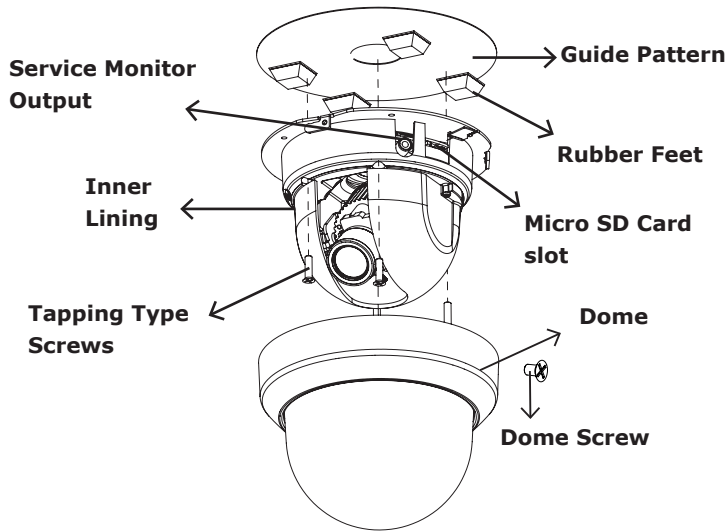2. Drill 4 mounting holes and 1 cable entry hole.

Lens Direction

Note: Mounting surface material determines screw type. Refer to manual.

GUIDE PATTERN

Mark hole positions: Secure the metal plate to the ceiling using the appropriate screws.

Note 1: Use the machine type screws if you are attaching the camera to a pendent mount. Use the tapping type screws for all other surfaces.

Note 2: For cement surfaces, insert the "Plastic Anchors" into the holes. For softer surfaces, do not use the "Plastic anchors".

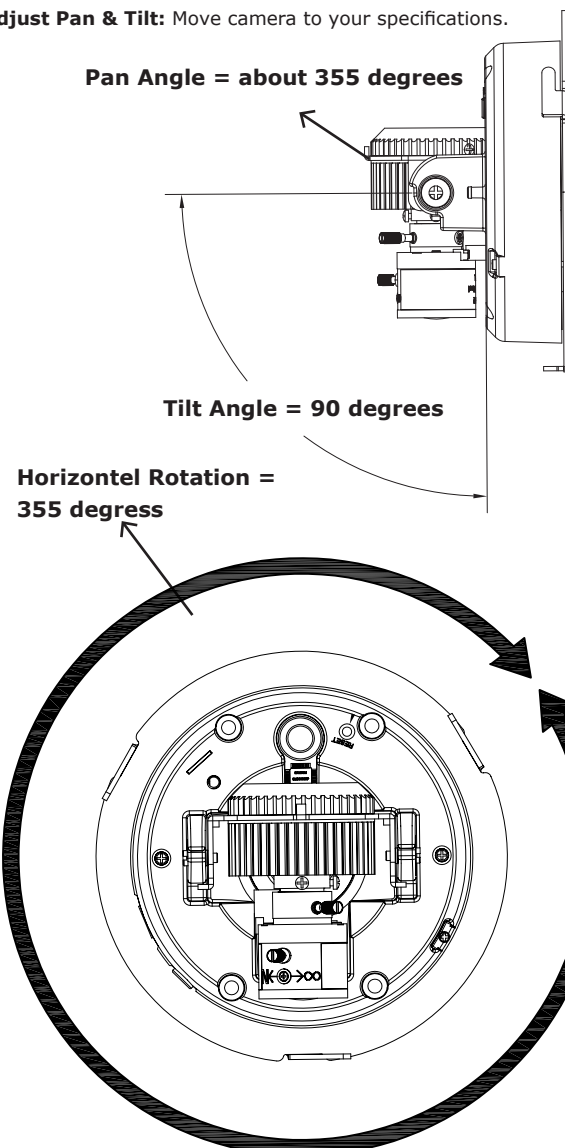**Note 3**: Use the Rubber Feet for surface mounting.

Note 4: If using SD card function, insert Micro SD card or Micro SDHC card before locking the dome cover.

Network Camera

Service Monitor Output

Guide Pattern

Inner Lining

Rubber Feet

Micro SD Card slot

Tapping Type Screws
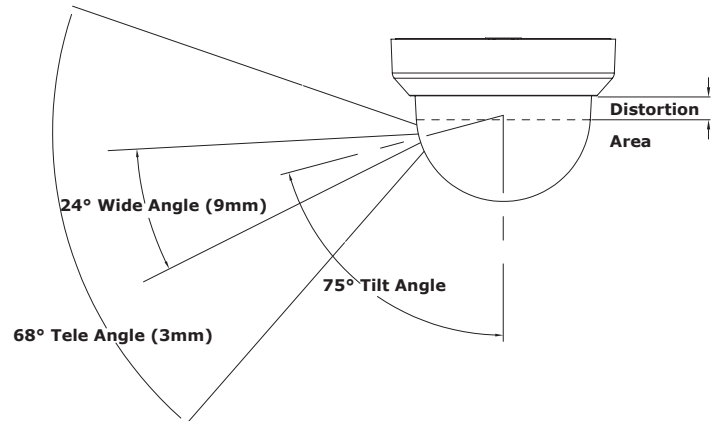
Dome

Dome Screw

Adjusting Camera Focus

Adjust Angle: Take off the screw and rotate the dome counter clockwise to unlock and pull free of the housing. Remove the inner liner by gently pulling it free of the two notches in the housing.
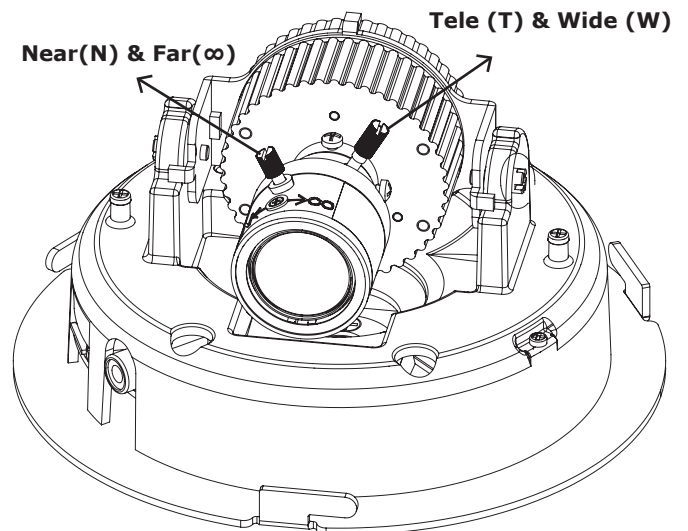
Adjust Pan & Tilt: Move camera to your specifications.

Pan Angle = about 355 degrees

Tilt Angle = 90 degrees

Horizontel Rotation = 355 degress

Note: When the tilt angle is less than 75 degrees there is no distortion.

Distortion Area

24° Wide Angle (9mm)

75° Tilt Angle

68° Tele Angle (3mm)

Adjust picture sharpness: Loosen the screws and adjust the focus until the ideal sharpness is reached.

Near(N) & Far(∞)

Tele (T) & Wide (W)

Note 1: Re-tighten the screws after focus adjustments are done.

Note 2: Focus using a service monitor or internet browser

●Assign an IP address

This camera is a network-based camera. The camera's default IP address is **192.168.1.30** and Subnet Mask address is **255.255.255.0**.

1.Connect the network cable to the camera and then turn on the camera's power.

2.Set the personal computer's IP address, other than the camera's default IP address. Such as **192.168.1.100** and Subnet Mask address as **255.255.255.0**.

3.To make sure you have already connected the camera to the personal computer, ping the IP address of the camera. To do this, first open a Command Prompt (Windows: from the Start menu, select Programs. Then select Accessories. Choose Command Prompt. Click OK). Type ping x.x.x.x, where x.x.x.x is the IP address of the Network Camera (default is **192.168.1.30**). If the message of "Reply from…" appears, it means the connection is done.

4.Open a browser and enter IP address: **http://192.168.1.30**. A pop-out window will appear that requires you to login into the camera. Enter the default **user name: admin** and **password: 1234** to login.