

Installation User Manual

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**IP VIDEO CAMERA
N6601**



**Infrared night vision LEDs built in
Motorised IR cut filter
IP66 waterproff housing**

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Chapter 1. Safety Instructions

Before you use this product

This product has been designed with safety in mind. However, the electrical products can cause fires which may lead to serious body injury if not used properly. To avoid such accidents, be sure to heed the following.

Legal Caution

Video and audio surveillance can be forbidden by laws that vary from country to country. Check the laws in your local region before using this product for surveillance purposes.

Do not open the housing of the product

Do not try to open the housing or remove the covers which may expose to dangerous voltage or other hazards.

Do not use the accessories not recommend by the manufacturer

Heed the safety precautions

Be sure to follow the general safety precautions and the "Operation Notice."

Operation Notice - Operating or storage location

Avoid operating or storing the camera in the following locations:

- Extremely hot or cold places
- (Operating temperature: -20 °C to + 50 °C [-22 °F to 122°F])
- Exposed to direct sunlight for a long time, or close to heating equipment (e.g., near heaters).
- Close to water (e.g., near a bathtub, kitchen sink, laundry tub).
- Close to sources of strong magnetism.
- Close to sources of powerful electromagnetic radiation, such as radios or TV transmitters.
- Locations subject to strong vibration or shock.

In case of a breakdown

In case of system breakdown, discontinue use and contact your authorized dealer.

In case of abnormal operation

- If the unit emits smoke or an unusual smell, If water or other foreign objects enter the cabinet, or
- If you drop the unit or damage the cabinet:
 1. Disconnect the cable and the connecting cables.
 2. Contact your authorized dealer or the store where you purchased the product.

Transportation

When transporting the camera, repack it as originally packed at the factory or in materials of equal quality.

Ventilation

To prevent heat buildup, do not block air circulation around the device.

Cleaning

- Use a soft, dry cloth to clean the external surfaces of the device. Stubborn stains can be removed using a soft cloth dampened with a small quantity of detergent solution, then wipe dry.
- Do not use volatile solvents such as alcohol, benzene or thinners as they may damage the surface.

Chapter 2. Introduction

The N6601 is an IP67 rated weatherproof IP camera designed for 24hr indoor/outdoor surveillance even in the harshest conditions. The N6601 is equipped with high resolution CMOS sensor with infrared LEDs with up to 15m working distance. The auto-changeable IR filter inside also provides superior day/night performance. It also offers many important features such as PoE and digital input and output for external alarm sensor.



Pic. 2.1

Key Features:

- Simultaneous MPEG-4 and Motion JPEG video stream
- Excellent Image Quality up to flexible 30 fps in all resolution for optimum bandwidth use
- Automatic-changeable IR-cut filter with adjustable threshold
- Synchronized Two-way Audio
- IR working distance up to 15M
- IP67 Waterproof Resistance
- Optimal Synchronization of Audio and Video
- Support Live Video Viewing on Windows Live Messenger (WLM)
- Control panel add-in, i.e. snapshot and image setup
- Supports Mac OS Browser
- Supports iPhone through Safari Browser
- Power over Ethernet IEEE 802.3af Class 0 supplies power to the camera via the network
- Digital Input / Output Port for External Alarm Sensor
- Mobile Phone Streaming Live Video through 3GPP / ISMA / RTSP
- Mobile Phone Live Image through 2.5 WAP
- Multi-level Password Protection for Restricting Camera Access
- Built-In Multi-Window Motion Detection (3 detection areas)
- Video Buffer makes the Streaming Smoother

- UPNP and Bonjour for Fast and Easy Installation
- DDNS Supported
- 16 Channel Surveillance Software included
- User-friendly & Multi-lingual UI

Chapter 3. Package Contents

Camera

N6601 Outdoor IR Network Camera

Quick Installation Guide

To provide brief product information and quick installation and wireless setting

Software CD

To provide IP Surveillance Software, Intelligence IP Installer, User Manuals, and Language Packs

Wall Bracket

There are three components including lock ring, brace, and base plate to compose a bracket and three applied screws to fix the base plate to a flat surface (horizontal or vertical)

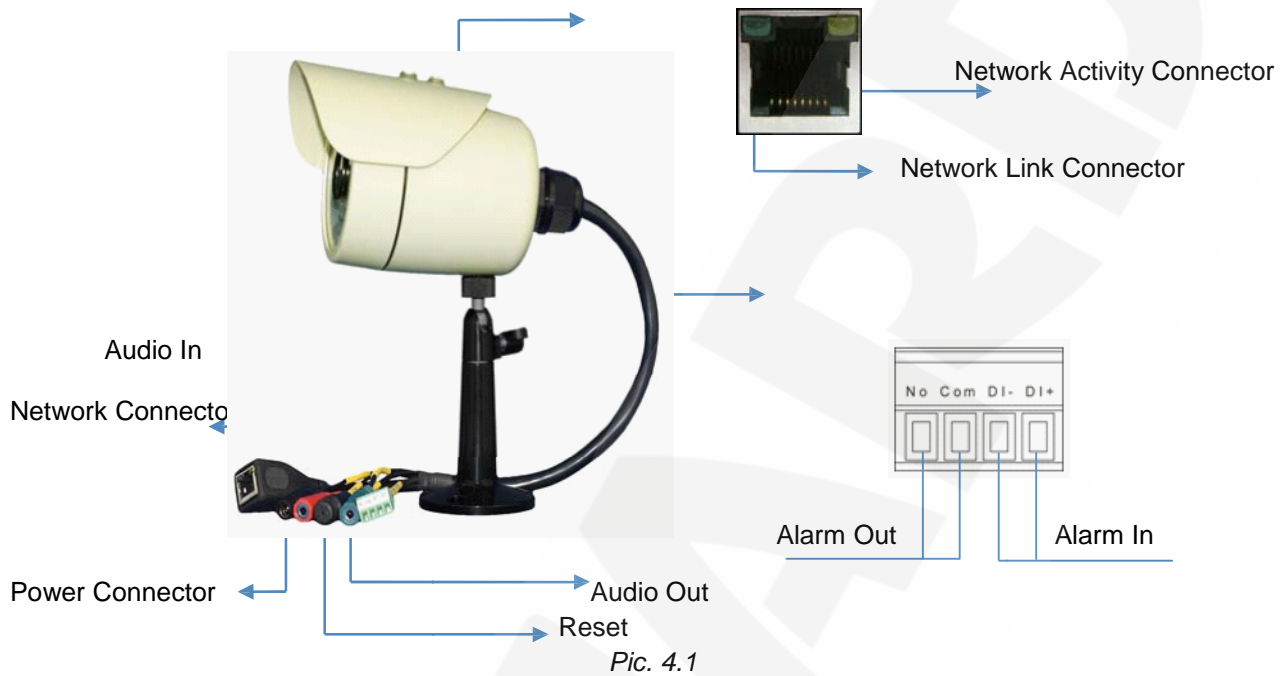
Component Pack

Applied screws and Hex Wrench

Adaptor

12V DC, max 12W

Chapter 4. Physical Description



Infrared LEDs: infrared LEDs for night use up to 15 working distance

Housing: IP67 related protection against dust and heavy rain

Reset: when the device is empowered, press the **[Reset]** Button to reboot the device, or hold the **[Reset]** Button for 10 seconds to set the device settings back to factory default

I/O Terminal Connector: 1Input/1Output to support External Alarm and Sensor used for motion detection, event triggering and alarm notification.

Audio In (Pink Line):-to support audio in with Microphone for two way audio

Audio Out (Green Line): to support audio out with earphones or speakers for two way audio

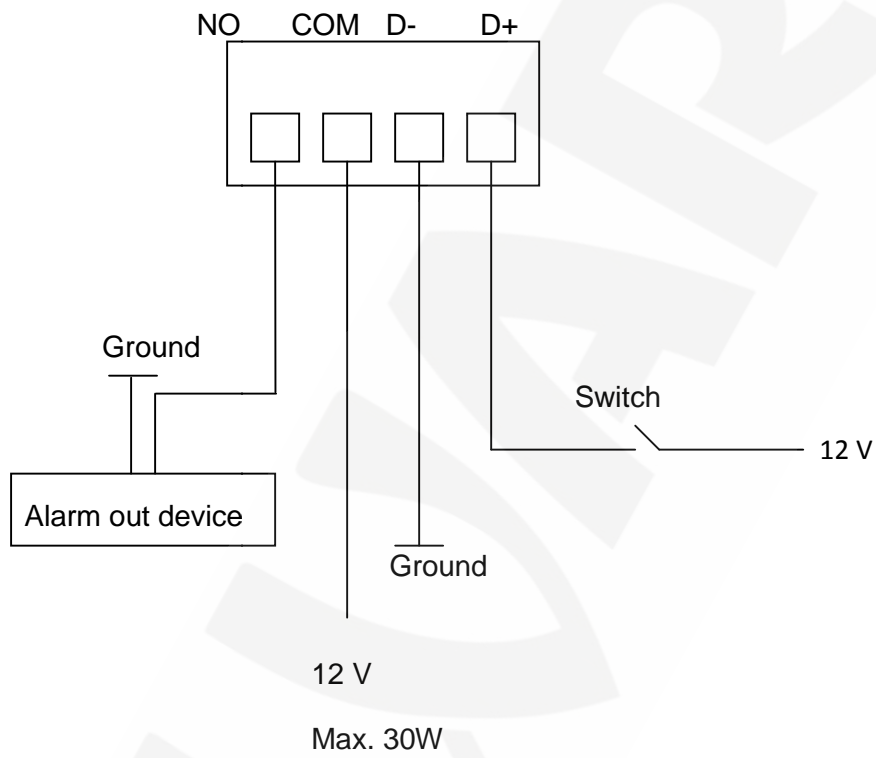
Power Connector: for connection of 12V DC input

Network Connector: for connection to the Ethernet via RJ-45 standard with PoE

- **Network Indicator (Green Light):** green light will light up after the IP Camera connected with network and IP Camera completed the boot process.
- **Network Transmit Indicator (Yellow Light):** yellow light will light up while transmitting data via internet

DI / DO Terminal connector diagram

Please refer the following illustration below for connection method.



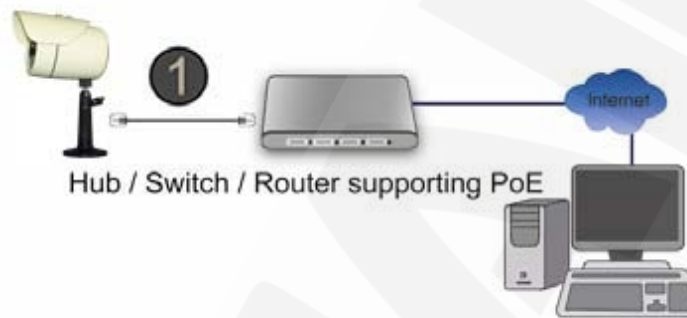
Pic. 4.2

Chapter 5. Basic Connection

N6601 offers Power over Ethernet (PoE) connection. However, you still can use N6601 with PoE or without PoE connection. You can follow the procedure below to connect the IP Camera for both applications.

5.1. Power over Ethernet (PoE) Connection

Step 1: connect IP Camera Ethernet port to your Hub / Switch / Rout supporting PoE

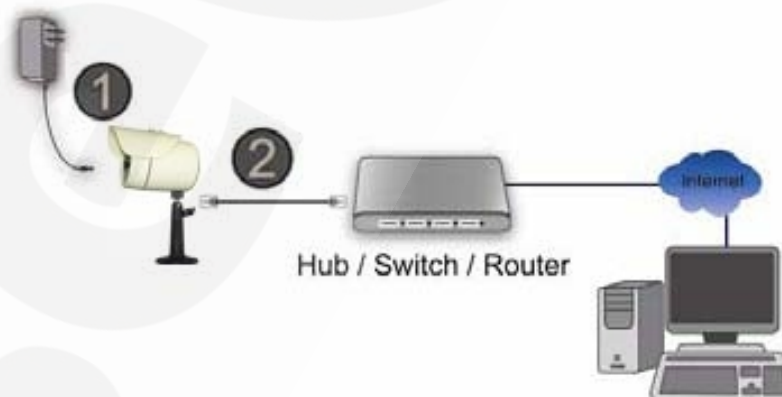


Pic. 5.1

5.2. Without PoE Connection

Step 1: connect the power adaptor to IP Camera.

Step 2: connect IP Camera' Ethernet port to your Hub / Switch / Router



Pic. 5.2

Chapter 6. Application

