Installation Instruction

Content List

1. One Sigmax NVR (network video recorder)

2. One Keyboard, One Mouse, and One AC Power

3. Four Arecont AV1310DN 1.3MP Day/night IP Cameras. Four 4.5-10mm lenses. Four Indoor cameras brackets.

4. Four 100-feet Ethernet cable.

5. 8-port PoE Switch

System Front and Back View

- DVD-RW
- CD Eject Button
- USB Port
- Reset Button
- HDD Indicator
- Power On/Off

- AC Power Connection
- Keyboard Port
- COM1 RS-232
- USB Ports
- Audio Input/Output
- VGA/DVI Outputs
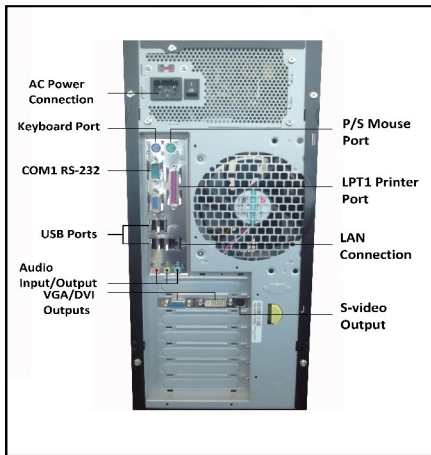- P/S Mouse Port
- LPT1 Printer Port
- LAN Connection
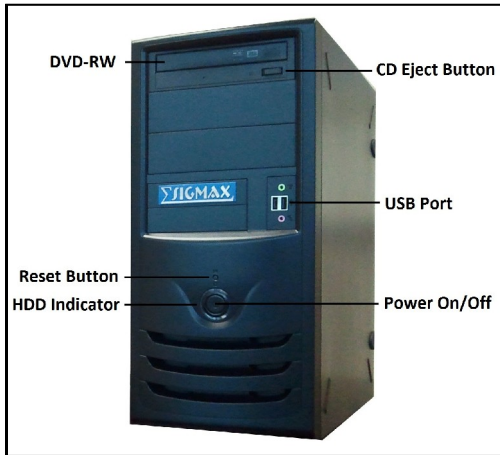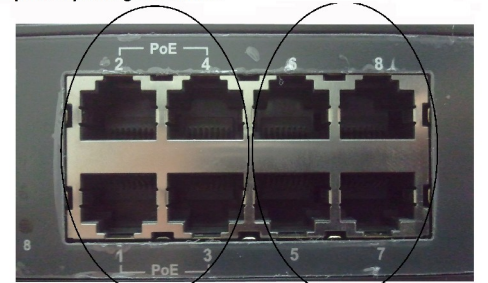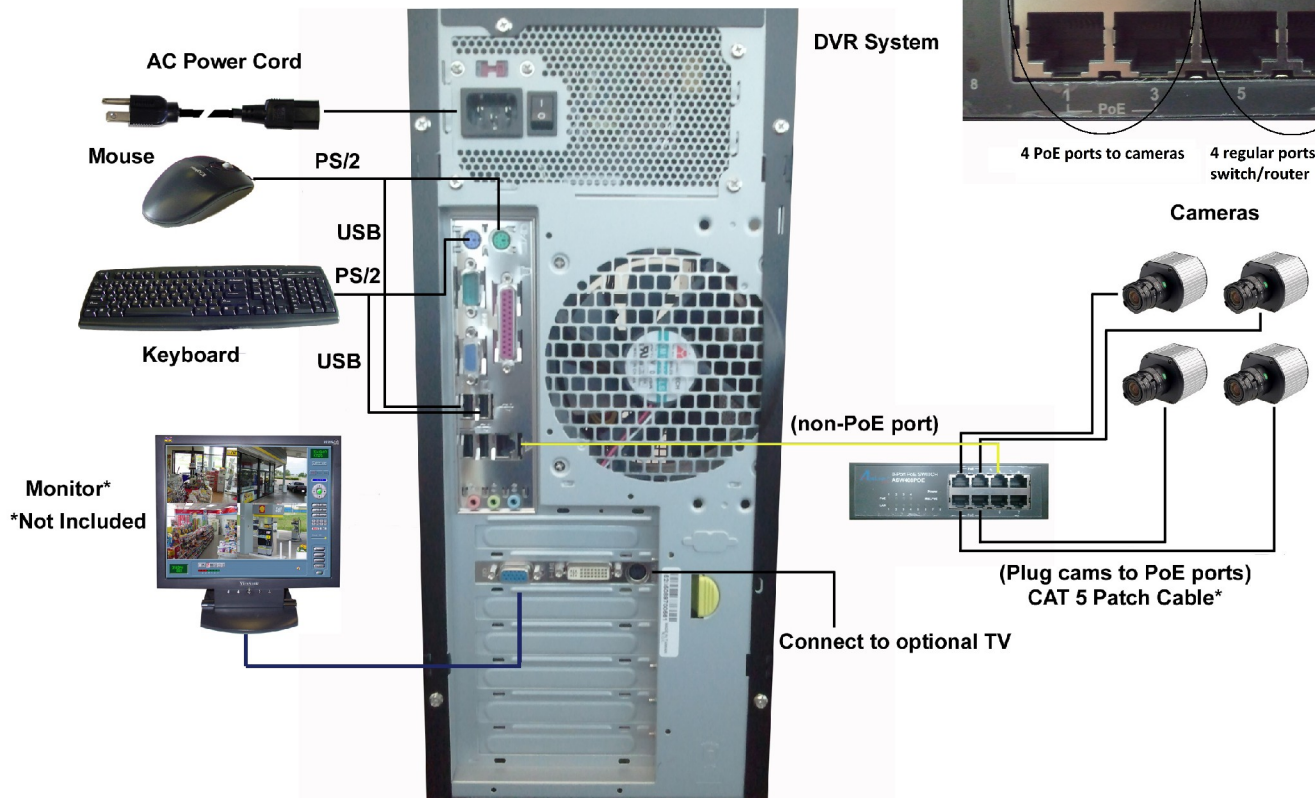- S-video Output

Figure 2

*WARNING
Connecting a Non-PoE device such as NVR, switch/router to a PoE port may damage the device.

PoE

4 PoE ports to cameras   4 regular ports to NVR or other switch/router

System Connection Diagram

AC Power Cord

Mouse — PS/2

USB

PS/2

Keyboard — USB

Monitor*
*Not Included

DVR System

(non-PoE port)

Cameras

(Plug cams to PoE ports)
CAT 5 Patch Cable*

Connect to optional TV

SIGMAX SECURITY, INC.

Installation Steps

WARNING!

Read the instruction carefully before installation. Improper installation may result in damage to the equipments, thus void the warranty.

Camera Installation

1. Determine coverage areas. Select the camera installation positions. When you choose the camera direction, try to avoid direct pointing to lighting sources, either artificial or natural lights.

2. Determine the location to install the NVR system. It should be a secure space. You should also consider the easiness of installing the cables. Leave room around the system for easy access to the front and back of the system, also for ventilation.

3. Run the Ethernet cable from each camera location to the PoE ports on the switch (look at Figure 2). Connect PoE switch to the NVR using a non-PoE port. Do not bend the cable sharply. When pulling the cable, do not use force. Excessive force may deform the cable, thus degrading the performance. Avoid running the cable around heavy electrical equipments.

4. Install each camera to a solid stable surface, using the indoor mounting brackets and screws. The bracket base can be mounted in any direction, since the camera can be rotated around with the bracket. Adjust the camera direction to cover the area determined at Step 1. This is the preliminary adjustment. Final adjustment should be done after the system is up and running.

5. Connect the Ethernet cable to each camera.

System Setup

1. Setup the NVR system. Attach keyboard and mouse. A computer monitor (not included in the kit) is necessary for the operation of the system. A TV or regular security monitor can also be connected through the DVI port or S-video out. Connect the AC Power cable to the system.

2. Although an Uninterrupted Power Supply (UPS) is not necessary for the operation of the system, it is highly recommended for the protection and longevity of the system. Turn on the system by pressing the Power Button on the front of the system. It will take 30 second to several minutes to boot the system.

Warranty & Disclaimer

3. Sigmax Security, Inc. intends to make this manual accurate and complete. However, Sigmax Security makes no claim that the information contained herein covers all details, conditions or variations, nor does it provide for every possible contingency in connection with the installation or use of this product. The information contained in this document is subject to change without notice or obligation of any kind. Sigmax Security makes no representation of warranty, expressed or implied, regarding the information contained herein. Sigmax Security assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.

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