



Ax52 Dome Camera Series

Instruction Manual



Rev. 141120

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Before attempting to connect or operate this product, please read these instructions carefully and save this manual for future use.

SAFETY INFORMATION

When installing your Annexus system, be sure to avoid:

- excessive heat, such as direct sunlight or heating appliances
- moisture, dust, and smoke
- strong magnetic fields
- close to sources of powerful electromagnetic radiation, such as radios or TV transmitters
- close to humid or excessively dusty places
- where exposed to mechanical vibrations
- close to fluorescent lamps or objects reflecting light
- under unstable light sources (may cause flickering)
- temperatures below 10° Celsius or 14° Fahrenheit and above 50° Celsius or 122° Fahrenheit for AX41C1M

Power Supply

- Ensure the supplied voltage meets the power consumption requirements of this camera before powering the camera on. Incorrect voltage may cause irreparable damage to the video camera and will effectively void the camera warranty

Cleaning

- For maximum optical clarity, the camera dome or lens must remain clean. Use a soft, dry cloth to remove finger prints or dust from the dome cover.
- Use a blower to remove dust from the lens.
- Clean the body with a soft, dry cloth. If it is very dirty, use a cloth dampened with a small quantity of neutral detergent, then wipe dry.
- Do not use volatile solvents such as alcohol, benzene, or thinners, as they may damage the surface finishes.

Servicing

- To avoid electrical shock and to preserve the product warranty, DO NOT disassemble the camera. Refer servicing to qualified personnel only.

SAFETY INFORMATION



The triangle symbol with lightning arrow indicates that ungrounded “Hazardous Voltage” exists within the unit. The voltage level may cause personal electric shock hazards.



The triangle symbol with exclamation mark indicates that there are important operation and maintenance instructions in the Instruction Manual.

PRODUCT OVERVIEW

1. Key Features

High Definition Images

Clear and detailed HD quality images in all conditions. Unlike other megapixel cameras, AX52 offers higher resolutions and better frame rates. Blurry images are reduced and individuals and objects of interest come with perfect clarity.

Triple Streaming

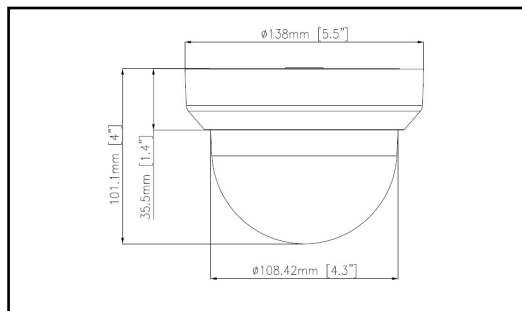
The AX52 Network Camera is designed to show extreme image detail. H.264/MPEG4/MJPEG triple streaming allows you to choose the appropriate code for your bandwidth.

Cost-saving H.264 Support

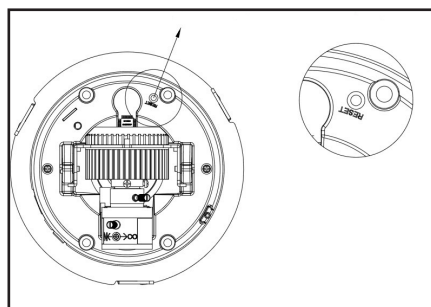
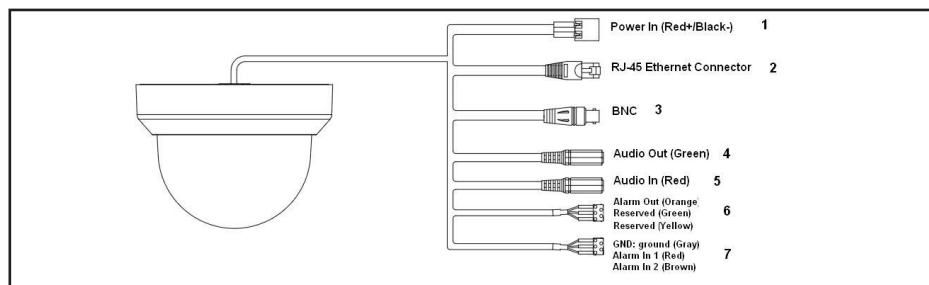
The AX52 supports the H.264 compression standard. H.264 greatly reduces the size of video without compromising image quality. Storage and bandwidth are reduced.

PRODUCT OVERVIEW

2. Camera Overview



2.0 Camera Parts and Definitions



- Power In (Red+/Black-): power connector, DC12V/AC24V
- RJ-45 Ethernet Connector: network connection. Support PoE (Power over Ethernet) cable.
- BNC: video output
- Audio Out (Green): audio output
- Audio In (Red): audio input
- Alarm Out (Orange): alarm signal output port /Reserved (Green)/ Reserved (Yellow)

- GND: ground (electricity) in electrical circuits/Alarm In 1 (Red): alarm signal input port/Alarm In 2 (Brown): alarm signal input port
- Reset: use an appropriate tool to press the button to reset the camera (Hold for 5 seconds to reboot camera. Hold longer than 5 seconds to load default settings)

Note: If PoE (Power over Ethernet) connector is used, it eliminates need for Power In cable.

SPECIFICATION

Image system	
Image sensor	1/3" 2 MP image sensor optimized for low-light performance
Effective pixels	Effective 16:9 1920 (H) X 1080 (V)
Image Compression Method	Triple Streaming : H.264 / MPEG4 / Motion JPEG
Video Codec / Resolution	H.264 (16:9): 1920X1080(2M) 1280X720 (4:3): 1280x960(SXVGA) MPEG4 (16:9): 1920X1080(2M) 1280X720 (4:3): 1280x960(SXVGA) MJPEG (16:9): 1920X1080(2M) 1280X720 (4:3): 1280x960(SXVGA)
	Primary Stream Video Compression: H.264 or MPEG-4 or MJPEG Secondary Stream Video Compression: H.264 or MPEG-4 Third Stream Video Compression: MJPEG Frame rate up to 15fps(NTSC) and 12.5fps(PAL) at 1920x1080; up to 30fps(NTSC) and 25fps(PAL) at 1280x720
Len	Built-in Mechanical ICR Filter varifocal lens f=3 ~ 9mm, F1.2 (Mega pixel lens)
Electric	
Sync system	Internal
AES	NTSC: 1/10000 s to 1/3.75s (selectable); PAL: 1/10000 s to 1/3.125s (selectable)
Audio	Two-way Mono Audio, Full-duplex, G.711 PCM 8kHz
Alarm	2 Inputs / 1 Output
RS485	Reserved
Day & Night Mode	ICR D/N control; Auto/ Forced BW/ Forced Color/ External
Minimum illumination	0.08 Lux @10IRE; 0.3Lux @50IRE
Video port	BNC X1, 1.0Vp-p, 75Ω / RCA x 1
TV output	NTSC, 720 X 480 @30fps PAL, 720 X 576 @25fps
Intelligent video	Video motion detection
Feature	
Exposure mode	Auto/Manual
BLC	5 x 5 zones selectable
ATR/D-WDR	Digital wide dynamic range
White Balance	Auto/Manual
Sharpness	255 level sensitivity
Saturation	255 level sensitivity
Brightness	255 level sensitivity
Contrast	255 level sensitivity
Privacy Zone	Yes; customized threshold privacy zone

SPECIFICATION

Other	Mirror, Flip, System log, Time stamp, Snapshot, Event Management Primary Stream Bit Rate Control: CBR/VBR
Local Storage	
Memory Card	Support Micro SD/ Micro SDHC Card up to 32 GB
SD card overwrite	Yes
SD card store category	Alarm /Ethernet Fail file format JPEG/ AVI Recording frame rate range between 1 to 3 fps
Power Supply	
Power requirement	DC 12V & AC 24V $\pm$ 10% / PoE(IEEE 802.3af)
Power consumption	5W Max
Power connector	Screwless Terminal block
Environment	
Operating temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating humidity	10 ~ 90% RH
Storage temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Network	
Ethernet	10/100 base-T Ethernet connection for LAN/WAN
Internet protocol	TCP/IP, UDP, HTTP, FTP, DNS, DHCP, NTP, RTP, RTSP, ICMP, uPNP
IP	IPv4
Connectors	RJ-45
Control interface	IE browser 6.0 or above
I/O connector	
Alarm port	Terminal block 2 in / 1 out
Audio In / Out port	3.5mm Phone Jack x 2
Reset	Within 5 sec for rebooting system; more than 5 sec for loading default
Mechanism	
Dimensions(ΦxH)	Φ138mm x H102mm (Φ5.4inch x H4.0 inch)
Weight (Camera Only)	1.13kg (2.5lb)

NOTE: The specification is subject to change without notice.

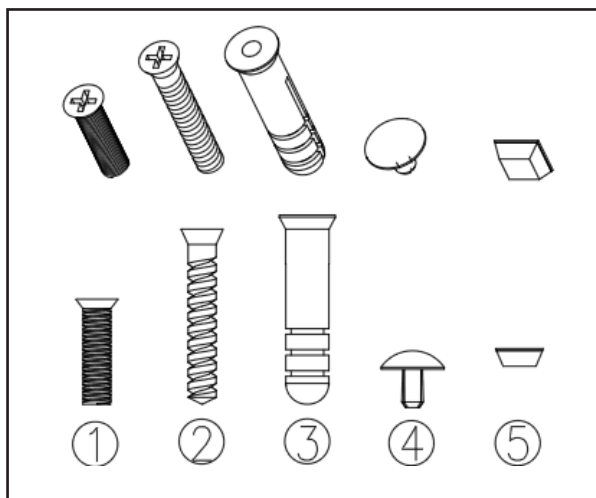
INSTALLATION

3. Camera Installation

Use the appropriate brackets and equipment to mount this camera. After installing the camera, your network camera should be accessed from your local network.

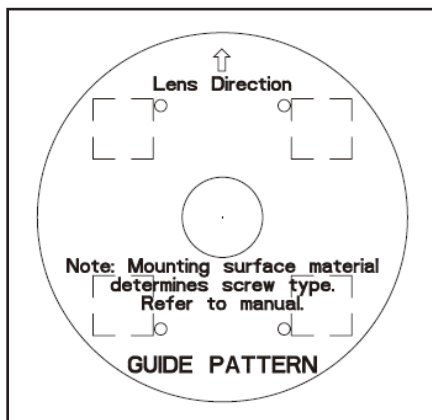
3.1 Package Content

Item	Description
Network Dome Camera	x1
Printed Quick Start Guide	x1
CD-ROM (User Manual, Annexxus Finder)	x1
Guide Pattern Sticker	x1
RJ45 Female / Female Coupler	x1
(1) Flat Hand Screw (Machine Type)	x4
(2) Flat Hand Screw (Tapping Type)	x4
(3) Plastic Anchor	x4
(4) Plastic Mounting Button	x4
(5) Rubber Feet	x4



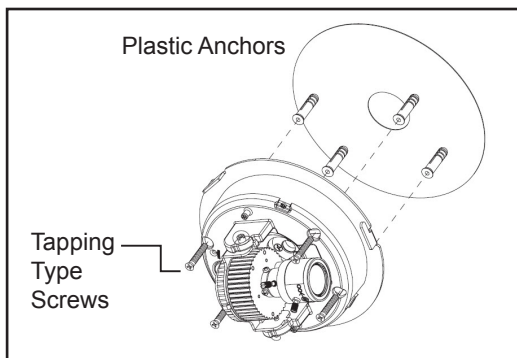
INSTALLATION

3.1.5 Camera Installation for ceiling mount and wall mount



Drill the Mounting Location

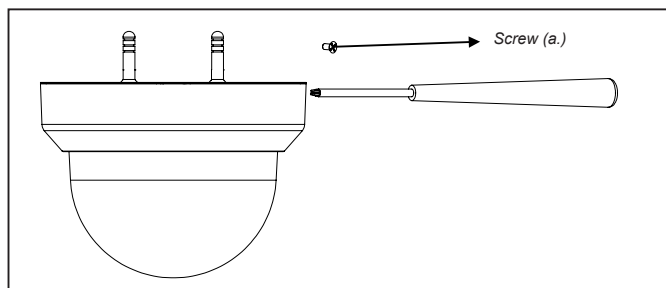
1. Place the "Guide Pattern Sticker" on the desired location.
 2. Drill 4 mounting holes and 1 cable entry hole.
- Mark holes' positions: secure the metal plate to the ceiling using the appropriate screws.
 - Use the machine type screws if you are attaching the camera to a pendent mount. Use the tapping type screws for all other surfaces.
 - For cement surfaces, insert the "Plastic Anchors" into the holes. For softer surfaces, do not use the "Plastic anchors".
 - Use the Rubber Feet for surface mounting.
 - If using SD card function, insert Micro SD card or Micro SDHC card before locking the dome cover.



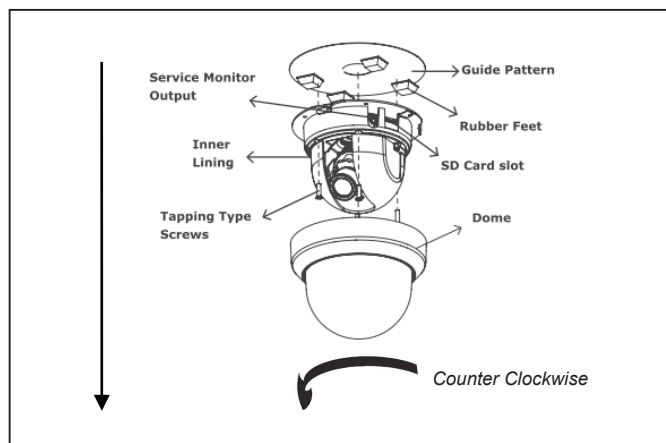
INSTALLATION

Adjusting Camera Focus

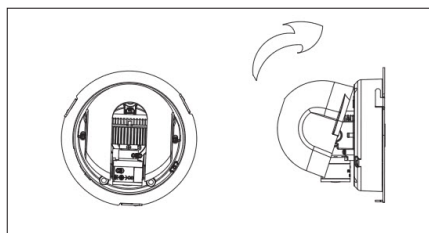
1. Take off the screw (a.)



2. Rotate the dome counter clockwise to unlock and pull free of the housing.

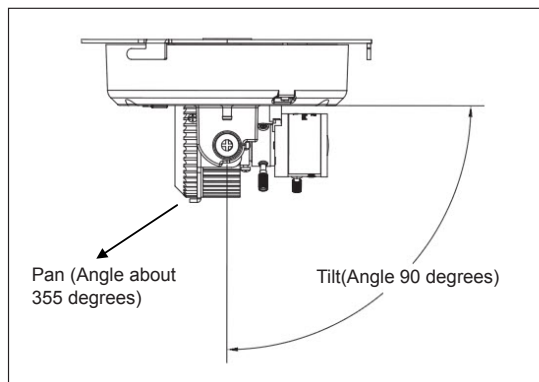


3. Remove the inner liner by gently pulling it free of the two notches in the housing.

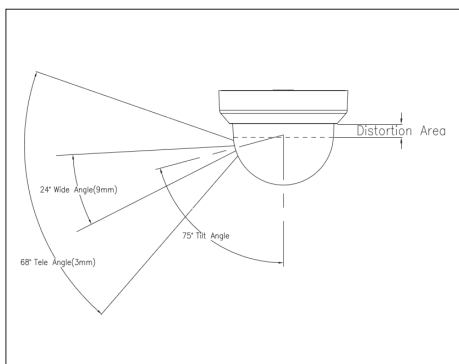
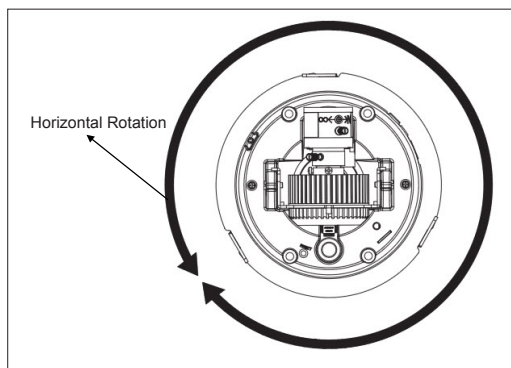


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4. Adjust the camera to your specification (Tilt).



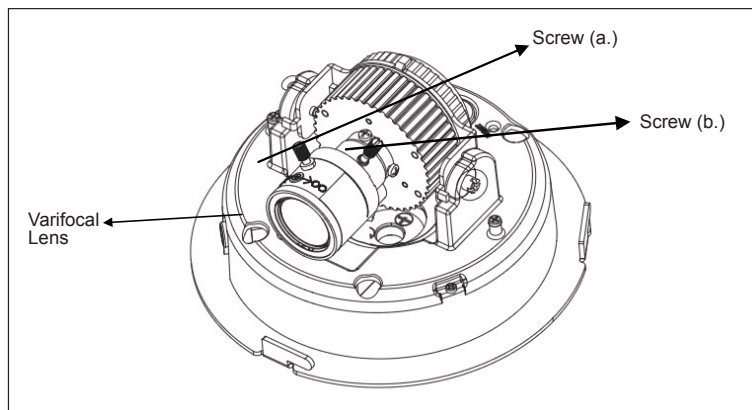
5. Adjust the camera to your specification (Pan).



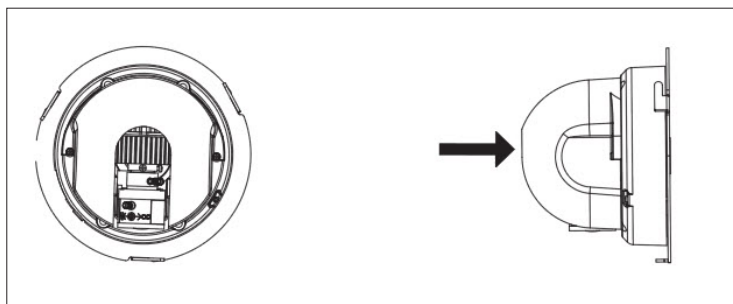
Note: When the tilt angle is less than 75 degrees there is no distortion

INSTALLATION

6. Focusing loosen both screws (a.) and (b.) and turn the lens until ideal picture

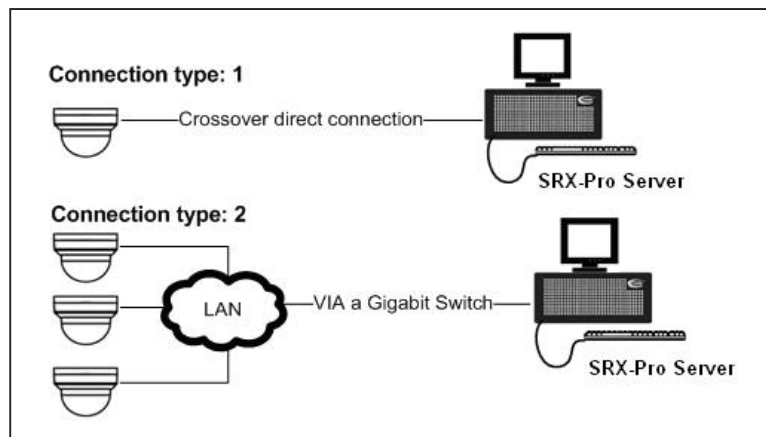


7. Reattach the inner liner and dome when you are done adjusting the focus.



INSTALLATION

3.2 Network Connection Diagram



3.2 Hardware/Software Requirement

Computer

- i3 SRX-Pro Version 2.0 or higher
- Windows Vista or XP as OS
- Internet Explorer Version 6.0 or later
- CPU: Intel Pentium Core 2 or higher
- Memory: 1GB or more
- VGA card--support Direct X 9.0 or above

Power Supply

The camera requires a DC12V/AC24V/PoE power supply. Make sure you use the correct power supply before connecting to this network camera. Use a RJ45 network connector to connect the camera to your computer or hub switch.

Switch

A one Gigabit Switch is required to monitor two or more cameras from the same computer.

SD card

The camera supports Micro SDHC memory cards up to 32GB. Images can be recorded when the SD card is being inserted into the camera. Insert a SD card before switching on the camera. The SD card may not be detected if it is inserted while the camera is on.

INSTALLATION

3.4 Connecting the Camera to a Personal Computer

This section details how to access the camera from a computer.

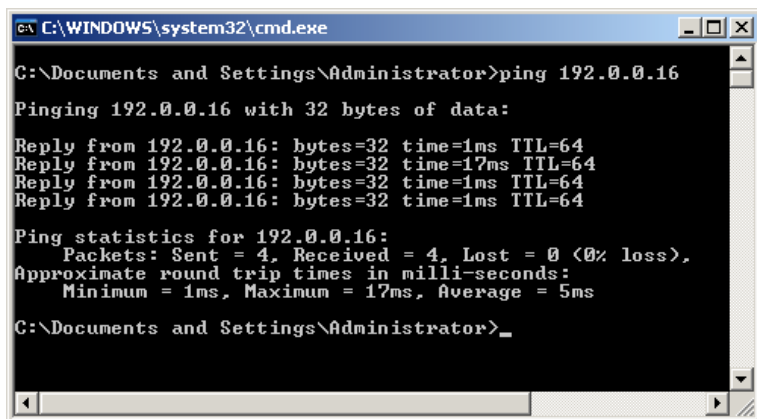
3.4.1 Setting IP

This is a network-based camera and must be assigned an IP address first.

- Enter a default IP address manually. The camera's default IP address is 192.0.0.16 and subnet mask address is 255.255.255.0.
- Obtain an IP address automatically from the DHCP server. You don't need to change the camera's IP address if your network uses a DHCP server.

3.4.2 Connect the Camera to a Personal Computer

1. Connect the network cable to the camera and then turn on the camera's power.
2. Set the personal computer's IP address. The camera's default IP address: 192.0.0.16 and subnet mask is 255.255.255.0.
3. Check that the camera and computer are connected by pinging the IP address you have set. To do this, start a command prompt and type the IP address you set. If the message "Reply from..." appears, it means the connection is done.



```
C:\WINDOWS\system32\cmd.exe

C:\Documents and Settings\Administrator>ping 192.0.0.16

Pinging 192.0.0.16 with 32 bytes of data:

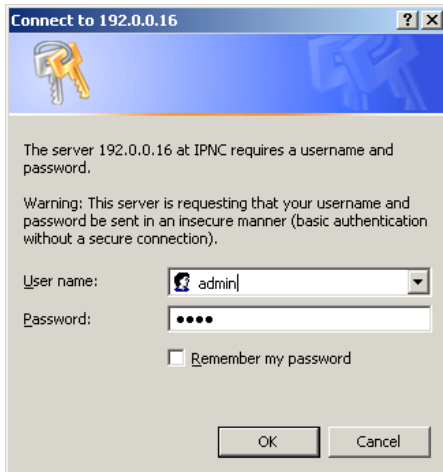
Reply from 192.0.0.16: bytes=32 time=1ms TTL=64
Reply from 192.0.0.16: bytes=32 time=17ms TTL=64
Reply from 192.0.0.16: bytes=32 time=1ms TTL=64
Reply from 192.0.0.16: bytes=32 time=1ms TTL=64

Ping statistics for 192.0.0.16:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 17ms, Average = 5ms

C:\Documents and Settings\Administrator>_
```

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4. Start Internet Explorer and enter the set IP address (default is <http://192.0.0.16>). A login window will appear. Enter the default user name and to login.

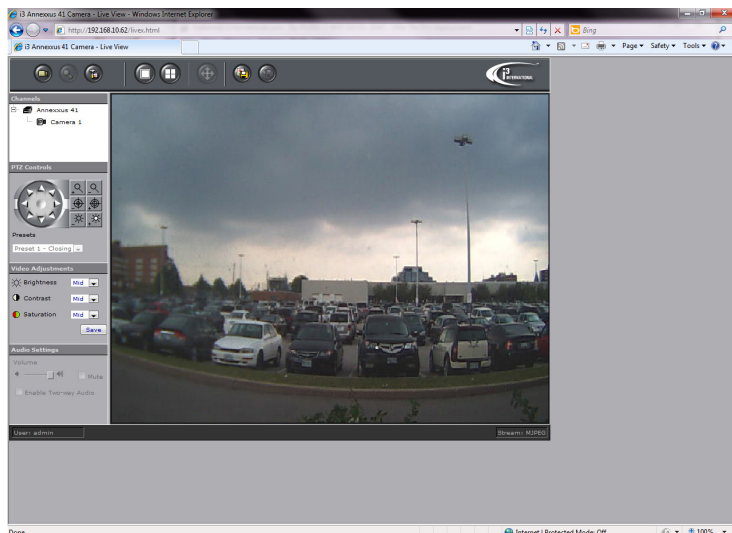


Default Login/Password:

Firmware Version:
AP_01-00-60-33_i02
Login: **admin**
Password: **1234**

Firmware Version:
AP_01-00-60-35_i02, or
higher
Login: **i3admin**
Password: **i3admin**

5. Then you should be able to see the camera image screen as follows:

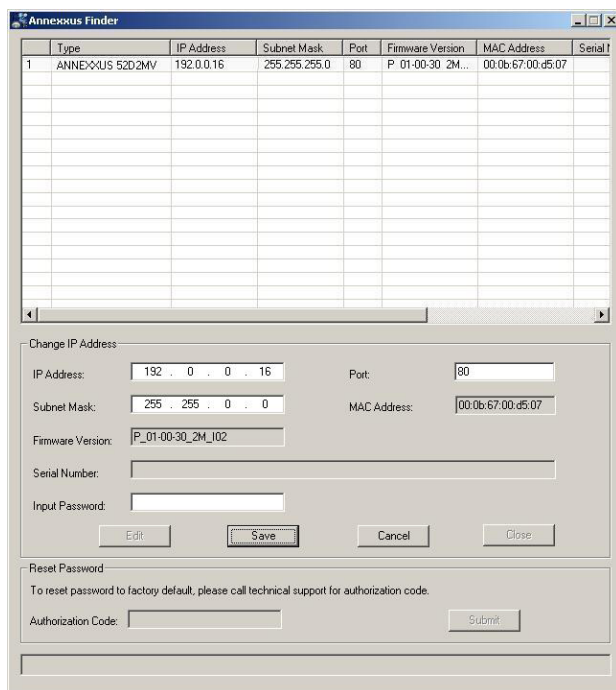


INSTALLATION

3.5 Using “Annexus Finder” to Search Camera’s IP Address

“Annexus Finder” is a program which helps users finds network cameras. Please note that “Annexus Finder” is only compatible with Windows XP.

1. Insert the CD in the CD-ROM drive.
2. Double click “AnnexusFinder.exe” to run the program. Follow the instructions to install.
3. After successfully installing “Annexus Finder”, double click the “Annexus Finder” icon which is displayed in your desktop. An “Annexus Finder” window will pop out. The window will display a list of net cameras which you are using currently.



To edit network information for the selected IP camera, do the following:

1. Select desired camera in the Annexus Finder software by double clicks
2. Go to the Change IP Address and enter the correct data for the IP camera
3. Please enter password before click save button.

INSTALLATION

4.1 Live View



Live view is designed for general users to control the camera. “Snapshot”, “Live” and “Setup” functions are listed on the live view. Please note, only administrators can access “Setup” to configure camera settings.

4.2 Snapshot

The “Snapshot” function is for snapshot capture. Press the “Snapshot” button to take a link to let user choose local storage to save (jpg/bmp) user prefer by right clicking on this link.

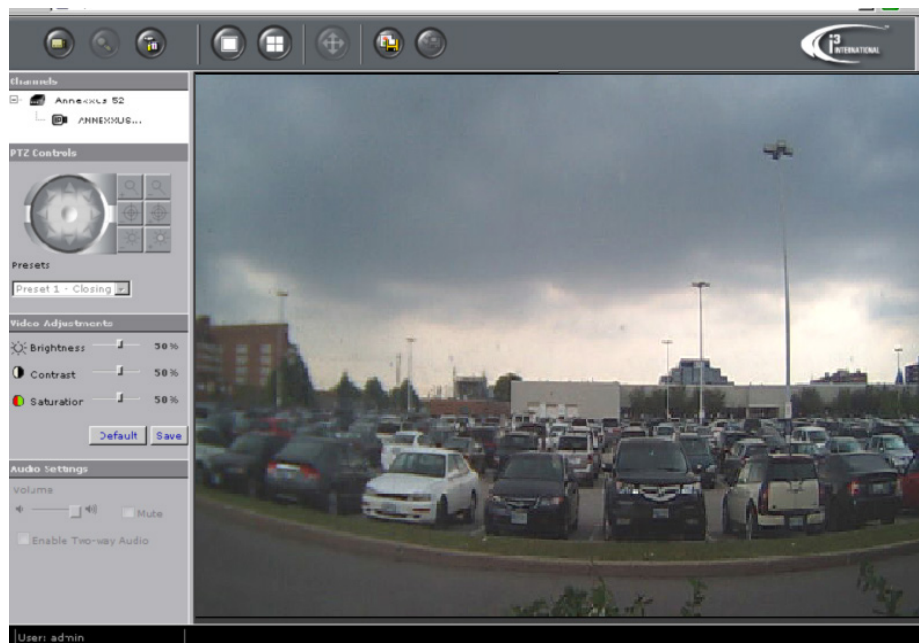
4.3 Recording LED

The recording LED becomes red when the alarm/event function is triggered.

INSTALLATION

5. Setup Mode

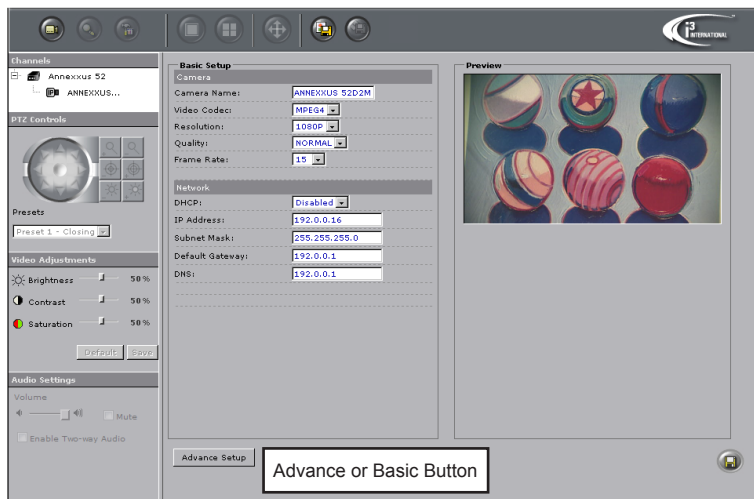
Click on “setup” to configure camera settings.



INSTALLATION

5.1 Basic Setting

Every parameter of “Basic Setting” affects the displayed image. Specify appropriate parameters in the following section.



“Basic Image” is used to change any picture setting on the camera. Remember to click “Save” to keep your settings.

- Camera Name: enter a desired network camera name. The name will be displayed at the top of the live page.
- Video Codec: Choose a compression mode to be displayed in “Live View”.

INSTALLATION

5.2 Advance Setting

Video Page

The screenshot displays a web-based configuration interface for a video system. At the top, there are tabs for Video, Alarms, Communication, User Management, System, and Logs. The 'Video' tab is active.

Basic Settings

Camera Settings

Camera Name: ANNEXUS 52D2M

Frequency: 60Hz

TV System: NTSC

Mirror: OFF

Rate Control: VBR

Stream 1 - Primary Streaming

Video Codec: MPEG4

Resolution: 1080P

Bit Rate: 8000 (kbit/s) [500-8000]

Frame Rate: 15

Stream 2 - Secondary Streaming

Video Codec: OFF

Resolution: ...

Bit Rate: 4000 (kbit/s) [500-4000]

Frame Rate: 15

Stream 3 - Third Streaming

Video Codec: MJPEG

Resolution: VGA

Preview

The preview window shows a 2x3 grid of camera feeds. The top-left feed shows a close-up of a red and white striped ball. The top-right feed shows a close-up of a blue and white striped ball. The bottom-left feed shows a close-up of a red and white striped ball. The bottom-right feed shows a close-up of a blue and white striped ball. The middle-left feed shows a close-up of a red and white striped ball. The middle-right feed shows a close-up of a blue and white striped ball.

Advance Settings

White Balance: Auto

White Balance - Auto

Sensitivity: 10

White Balance - Manual

R Gain: 2.000 [0.4-4.0]

G Gain: 2.000 [0.4-4.0]

B Gain: 2.000 [0.4-4.0]

BLC: OFF

Brightness: 50%

Contrast: 50%

Saturation: 50%

Sharpness: 50%

Frequency: "50 Hz" and "60 Hz" are provided for reducing flicker.

TV System: "NTSC" and "PAL" are provided for different TV system settings.

- Note: This setting base on model (NTSC/PAL) type.

Mirror:

- OFF: turn off this function.
- HORIZONTAL: set images as left or right.
- VERTICAL: set images as upside or down.
- BOTH: set the HORIZONTAL and VERTICAL settings.

Rate Control: Choose a bit rate control. Choices include:

- VBR (Variable Bit Rate) Variable Bit Rate control is for video storage
Ex: NVR local storage recording. Image quality is good, but the CPU loading of camera is not stable for the variable scenes such as flickering tree and the throughput of network is unstable for the variable scenes.
- CBR (Constant Bit Rate) Constant Bit Rate control is for video low delay.
(i.e., CBR with frames dropped based on image buffer occupancy.) The streaming is smooth and the CPU loading of camera is stable for any scene and the throughput of network is stable for the variable scenes.

INSTALLATION

MJPEG SETTING

A screenshot of a settings window for MJPEG. It contains four rows, each with a label and a dropdown menu. The labels are 'Video Codec:', 'Resolution:', 'Quality:', and 'Frame Rate:'. The dropdown values are 'MJPEG', '1080P', 'NORMAL', and '15' respectively.

Video Codec:	MJPEG
Resolution:	1080P
Quality:	NORMAL
Frame Rate:	15

- Resolution: Choose the resolution size. Choices include 1080P, SXVGA, 720P, XGA, SVGA, D1
- Quality: Set the image's quality as High, Normal or Low.
- Frame Rate: Frame rate is the image transfer speed. 30 fps is 30 image transmissions per second, 15 is 15 images transmission per second, 7.5 is 7.5 images transmission per second...etc.
 - Note 1: Live View uses the MJPEG codec. Turning MJPEG off will result in no video for Live View.
 - Note 2: If MJPEG is selected for both primary streaming and third streaming, Live View will display the third streaming codec choices.
 - Note 3: Some video player (VLC Player... etc.) can be used to view the MJPEG, H.264 and MPEG4 RTSP Streaming

H.264 Setting

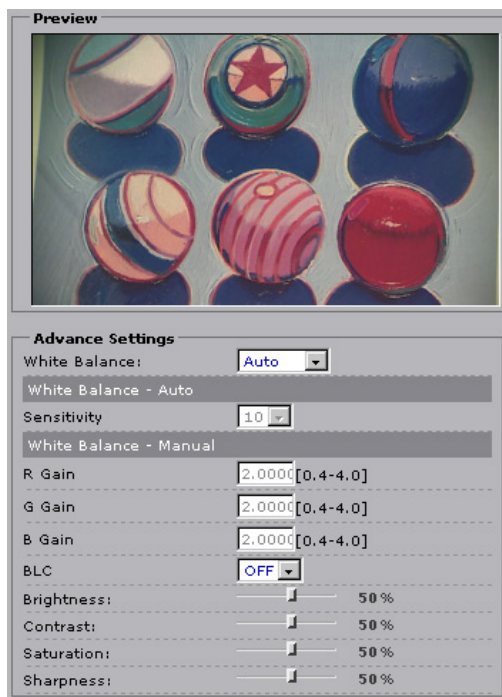
A screenshot of a settings window for H.264. It contains four rows, each with a label and a dropdown menu. The labels are 'Video Codec:', 'Resolution:', 'Bit Rate:', and 'Frame Rate:'. The dropdown values are 'H264', '1080P', '8000 (kbit/s) [500-8000]', and '15' respectively.

Video Codec:	H264
Resolution:	1080P
Bit Rate:	8000 (kbit/s) [500-8000]
Frame Rate:	15

- Resolution: Choose the resolution size. Choices include 1080P, SXVGA, 720P, XGA, SVGA, D1
- Bit Rate: According to your bandwidth, specify a value for data transmission rate (kbps). Higher value gets higher video quality.
- Frame Rate: Frame rate is the image transfer speed. 30 fps is 30 frame transmissions per second, 15 is 15 frame transmissions per second, 7.5 is 7.5 frame transmissions per second...etc.

INSTALLATION

5.2.1 Image Advanced Settings



“White Balance”, “BLC”, “Brightness”, “Contrast”, “Saturation” and “Sharpness” are provided for you to set the quality of images. Please click the “Save” button to save your image settings.

Advanced settings

- White Balance Auto: select a white balance mode according to external lighting condition for the best color temperature.
Sensitivity: Select sensitivity values from 0 – 10.
- White Balance Manual – Select this option to set the white balance manually.
- R Gain: Selectable Red Gain values from 0.4 – 4.0.
- G Gain: Selectable Green Gain values from 0.4 – 4.0.
- B Gain: Selectable Blue Gain values from 0.4 – 4.0.

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- BLC (Backlight Compensation): this function adjusts the image to compensate for areas that are too dark due to insufficient light.
 - ON: enable the BLC function.
 - OFF: disable the BLC function.
- Brightness: adjust the image brightness level, Selectable values from 0% to 100%.
- Contrast: adjust the image contrast level, Selectable values from 0% to 100%.
- Saturation: adjust the image saturation level, Selectable values from 0% to 100%.
- Sharpness: adjust the image sharpness level, Selectable values from 0% to 100%.

Communication:

The screenshot shows a software interface with a tabbed menu at the top: Video, Alarms, **Communication**, User Management, and Settings. The 'Communication' tab is active, displaying 'Network Settings'. The settings are as follows:

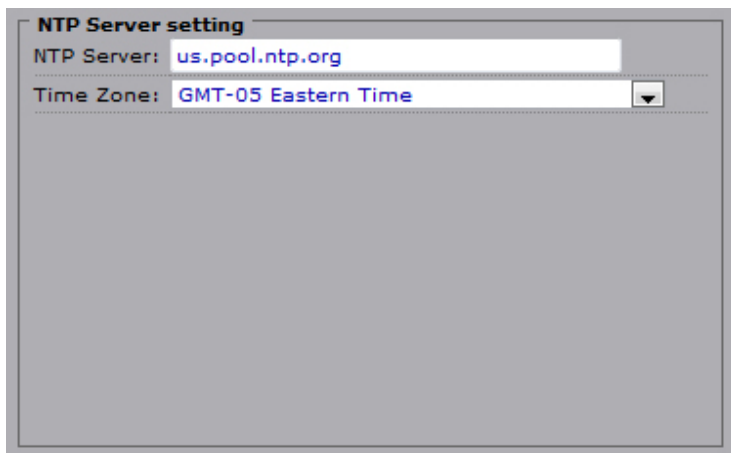
Setting	Value
DHCP:	Disabled
IP Address:	192.0.0.16
Subnet Mask:	255.255.255.0
Default Gateway:	192.0.0.1
DNS:	192.0.0.1
HTTP Port:	80

Click “Communication” to view the current network settings, including “Network” and “NTP”. Configure all Network, and NTP settings in the Network section.

1. DHCP: the IP address is automatically obtained when this is checked; otherwise, uncheck it to set up the network settings manually. If you enable the DHCP function, just specify DNS and HTTP Ports in the below fields.
2. IP Address: specify your IP address here if you don't select DHCP (default setting: 192.0.0.16)
3. Subnet Mask: use default number: 255.255.255.0.

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4. Default Gateway: leave 192.0.0.16 as default setting. It is not required if it is not used. Please contact your Network Administrator for Default Gateway information.
5. DNS: leave 192.0.0.16 as default setting. It is not required if it is not used. Please contact your Network Administrator for DNS information.
6. HTTP Port: We recommend using the default path. Contact your Network Administrator if it needs to be changed.
7. Press “Save” to save your settings.



The screenshot shows a window titled "NTP Server setting". Inside the window, there are two fields. The first field is labeled "NTP Server:" and contains the text "us.pool.ntp.org". The second field is labeled "Time Zone:" and contains the text "GMT-05 Eastern Time". To the right of the "Time Zone:" field is a small downward-pointing arrow icon, indicating a dropdown menu. The window has a gray border and a light gray background.

Communication:

8. NTP Server: assign an IP address or domain name for a time server.
9. Time Zone: select a correct time zone.

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The screenshot shows a web interface with a top navigation bar containing tabs: Video, Alarms, Communication, User Management, and System. The 'System' tab is selected. Below the tabs is a 'Date & Time' configuration section. It includes a 'Time Stamp' section with 'Enable Date and Time Stamp' set to 'No' and 'Date Format' set to 'MM/DD/YYYY'. The 'Current Date & Time' section shows 'Date & Time: 2010/12/13' and 'Time: 22:18:15'. The 'New Date & Time' section has three radio buttons: 'Set Manually' (selected), 'Synchronize with Computer Timer', and 'Synchronize with NTP Server'. Under 'Set Manually', the date is '2010-2-10' and the time is '11:40:3'. Under 'Synchronize with Computer Timer', the date and time are 'Tue Dec 14 10:17:02 UTC+0700 2010'. Under 'Synchronize with NTP Server', the 'NTP Server' is 'us.pool.ntp.org' and the 'Time Zone' is 'GMT-05 Eastern Time'.

In this section, you can configure the system settings, including “Time Stamp”, “Current Date & Time” and “New Date & Time”.

Current Time

It displays the current time on the camera. Date and time will be changed after you configure it in the “New Time” section.

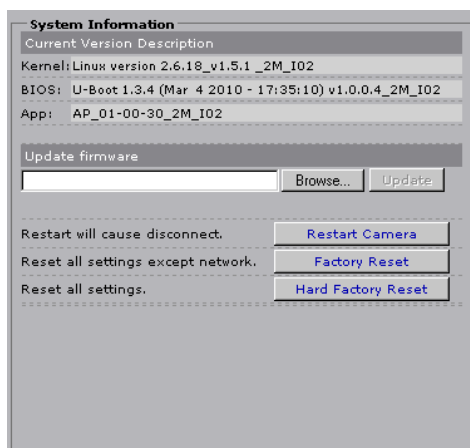
New Time

You can set the camera time by, “Synchronize with Computer Timer” and “Synchronize with NTP Server”. Then, select a date format type. “YYYY/MM/DD”, “MM/DD/YYYY” and “DD/MM/YYYY” are choices provided.

- Set Manually: set date and time manually.
- Synchronize with Computer Timer: synchronize your camera’s date and time with the computer’s timer.
- Synchronize with NTP Server: synchronize your camera’s date and time with the NTP server’s timer.

INSTALLATION

5.3.5 Update



This function is designed to update firmware. Stop all camera operations when you update firmware. Do not turn off power or disconnect the internet connection during the firmware update process. Click “Restart Camera” after you have updated firmware successfully.

- Restart Camera – The camera is restarted without changing any settings. Typically used after updating firmware. After clicking, a pop up will appear asking you to confirm. Click Yes.
- Factory Default – Resets the camera to factory settings but keeps the Network settings. After clicking, a pop up will appear asking you to confirm. Click Yes.
- Hard factory default – Resets the camera to factory settings and will cause all parameters (including the IP address) to be reset. After clicking, a pop up will appear asking you to confirm. Click Yes.

INSTALLATION

5.3.3 Users

User List

Displays the list of users. Only two roles can be specified, administrator (admin/i3admin) and guest (viewer). If you want to delete a user, select a user and then press the “Delete User” button

The screenshot shows a web interface with a top navigation bar containing four tabs: "Video", "Alarms", "Communication", and "User Management". The "User Management" tab is selected. Below the tabs, the "User List" section is displayed, showing a table with one entry: "1) admin : [Admin]". Below the table, there is a note: "Note: Maximum allowed users is 10." and a "Delete User" button. The "Add/Modify User" section is also visible, featuring input fields for "Username:" and "Password:", a "Permission:" dropdown menu set to "Viewer", and an "Add User" button. A final note at the bottom states: "Note: Admin is the default account and cannot be deleted."

Add/Modify User

You can add a new user or modify a user's information or authority.

- To add/modify a new user, enter a user name and password. Then, specify his/her role as Admin or Viewer.
- Press “Add” to add a user or to modify a user's password or authority

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5.3.6 Logs

Video	Alarms	Communication	User Management	System	Logs
System Log					
* 000.2010-07-28 16:57:05 admin login on 192.168.10.150					
* 001.2010-07-28 16:24:37 admin login on 192.168.10.40					
* 002.2010-07-28 16:17:37 admin login on 192.168.10.150					
* 003.2010-07-28 16:16:02 admin login on 192.168.10.150					
* 004.2010-07-28 15:58:18 admin login on 192.168.10.150					
* 005.2010-07-28 15:01:13 admin login on 192.0.0.111					

It displays all login and alarm records.

INSTALLATION

5.4.3 Alarm

You can set to trigger alarms on the conditions that an event or action signal has been sent to the camera.

- Trigger an Alarm When Ethernet is Lost: set an alarm condition when Ethernet disconnected.
- Digital Input: send a signal to the camera to trigger an alarm. Check it to enable this function. Then, set digital input as “High” or “Low”
- Motion Detection: this function is designed to record video once the camera detects a motion condition. Select “Disable” to disable this function or “Enable” to enable this function.
 - Sensibility: set sensibility level as “Lowest”, “Low”, “Medium”, “High” or “Highest”. Or input a value from 0 to 99 in the customized threshold field. Higher number gets higher sensitivity.
- Press “Save” to save your settings.
- Action: Configure image transfer settings after triggering an alarm.
 - Digital Output: select “OFF” to disable this function or “ON” to enable this function. If select “ON”, choose an output file’s resolution as “Low” or “High”.
 - Digital Output - If you want to set digital output function start, you need to set ON. After that, you need to set “Active Type” (Low or High) about digital output by the hardware.
- Alarm duration - The alarm time period of digital output.



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