VICON

249-60-00

Cruiser™ SN663V-B-EX Outdoor PTZ Network Camera Dome

FC CE UL

Vicon Industries Inc.
Tel: 631-952-2288 Fax: 631-951-2288 Toll Free: 800-645-9116
24-Hour Technical Support: 800-34-VICON (800-348-4266) UK: +44 (0) 1489-566300

Vicon Industries Inc. does not warrant that the functions contained in this equipment will meet your requirements or that the operation will be entirely error free or perform precisely as described in the documentation. This system has not been designed to be used in life-critical situations and must not be used for this purpose.

www.vicon-security.com

1 Introduction

The Cruiser SN663V-B-EX network camera is an outdoor camera dome that includes 1080p high resolution camera lens combination that provides video transmission over a network. It is fully featured for security surveillance and remote monitoring needs.

The camera provides triple-streaming video and supports H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth; M-JPEG compression is also supported. By using its dedicated program, multiple users are able to have access to the network camera simultaneously, or a single user can monitor various network cameras at the same time. It also enable users to play, store and retrieve a monitoring image by using a PC. All the settings and real time monitoring screens are provided through access to the web.

1.1 Components

The camera is designed with compact, small size, hard dome camera housing. The housing is constructed of aluminum, steel and plastic. The housing is designed to be mounted on a wall or a ceiling. The housing meets the Protection Classification IP66 standards for dust and moisture resistance.

* Dome Camera **1**
* Installation Guide/CD **1**
* Accessory Kit & Connector **1**
   1) Torx Wrench .... (1)
   2) 3-Pin Terminal Block .... (2)
   3) 6-Pin Terminal Block .... (1)
* RJ-45 Waterproof Cover **1**
* Install Adaptor **1**

1.2 Key Features

• Brilliant video quality

The network camera offers the highly efficient H.264 video compression, which drastically reduces bandwidth and storage requirements without compromising image quality. Motion JPEG is also supported for increased flexibility.

• Dual or Triple Streams

The network camera can deliver dual or triple video streams simultaneously at full frame rate in all resolutions up to Full-HD (1920 x 1080p) using H.264 and Motion JPEG. This means that several video streams can be configured with different compression formats, resolutions and frame rates for different needs.

• Image setting adjustment

The network camera also enables users to adjust image settings such as contrast, brightness and saturation to improve images before encoding takes place.

• Intelligent video capabilities

The network camera includes intelligent capabilities such as VCA (Video Content Analysis). The network camera's external inputs and outputs can be connected to devices such as sensors and relays, enabling the system to react to alarms and activate lights or open/close doors.

• Improved Security

The network camera logs all user access, and lists currently connected users. Also, its full frame rate video can be provided over HTTPS.

• PoE (Power over Ethernet)

This network camera can be powered through PoE, which simplifies installation since only one cable is needed for carrying power, as well as video controls.

• ONVIF Certificate

This is a global interface standard that makes it easier for end users, integrators, consultants, and manufacturers to take advantage of the possibilities offered by network video technology. ONVIF enables interoperability between different vendor products, increased flexibility, reduced cost, and future-proof systems.

• Micro-SD Recording support

The network camera also supports a Micro-SD memory slot for local recording with removable storage.

• Audio support

The network camera also supports two-way audio.

2 Installation

2.1 Mounting the Camera

You need one optional mount kit of the wall mount and the ceiling mount to install.

The wall or ceiling mount must be attached to a structural object such as hard wood, concrete that will support the weight of the mount and dome camera.

The use of a solid backboard is recommended when attaching to gypsum walls.

1. Remove the Protection pad and the tape from attached the dome camera.

2. Attach the mounting base to wall using the supplied M8 tapping screw and plastic bushing. (Ceiling using the supplied M6 tapping screw and bushing)

3. Wind the both thread of the pipe end with Teflon tape about 20 times for sealing. Then use a silicone rubber sealant to seal the area where the wall (ceiling) mount and the pipe meet.

4. Place a bead of silicone sealant around the wall and ceiling mount mounting flange, press it to the surface and line up the flange hole with drilled holes.

CAUTION 1: A silicone rubber sealant must be applied to seal the housing to secure waterproofing.

CAUTION 2: When installing, a bracket must be applied.

CAUTION 3: Please reset the camera after 30 ~ 60 minutes when installing it in situations colder than -10°C.
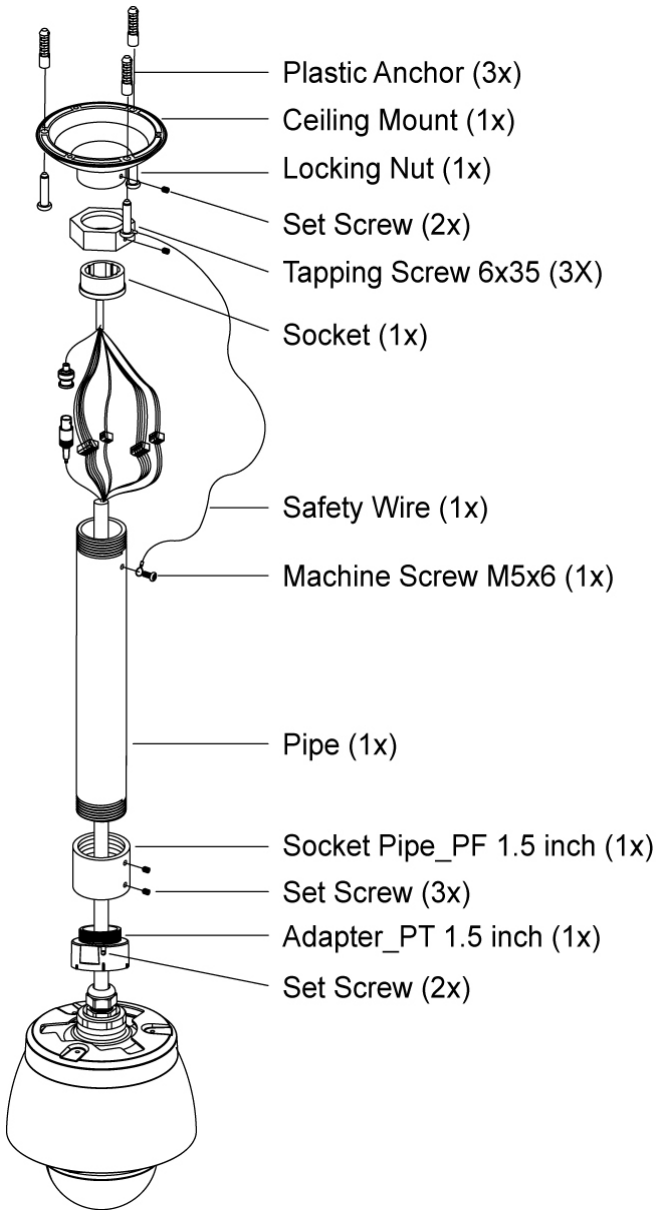
2.2.1 Wall Mounting

The wall mounting plate must be attached to a structural object such as concrete that will support the weight of the mount and dome camera.
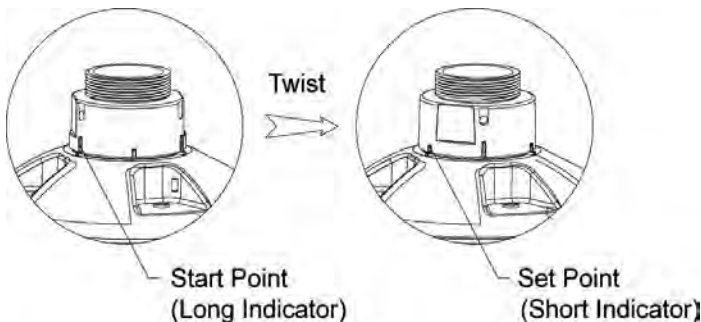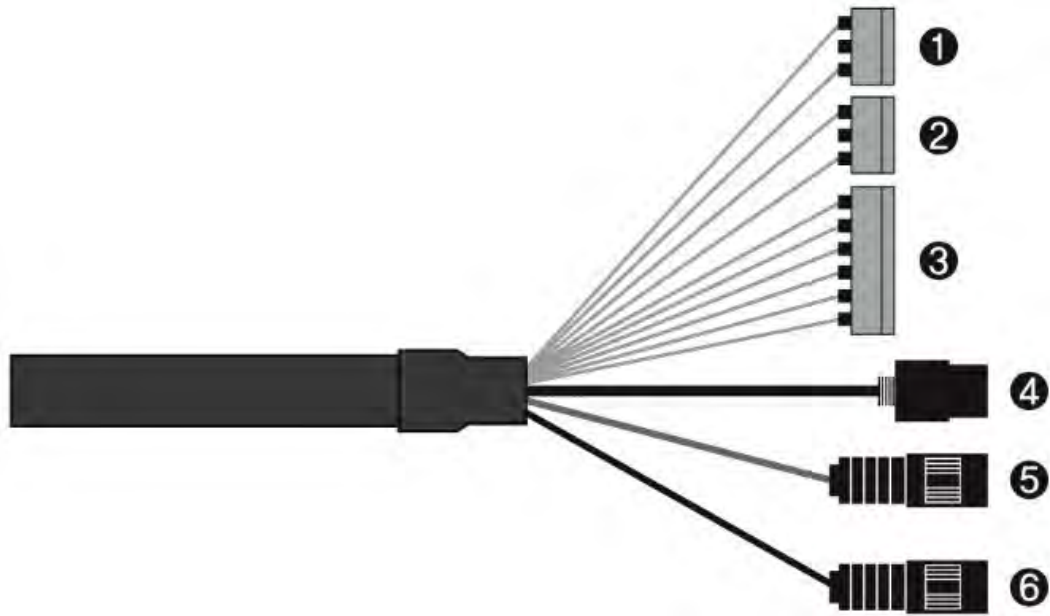

Plastic Anchor (4x)
Tapping Screw 8x35 (4x)
Mounting Bracket (1x) PF 1.5 inch
Set Screw (1x)
Adapter_PT 1.5 inch (1x)
Set Screw (1x)
Safety Wire
Access Plate
Machine Screw M3x5 (2x)
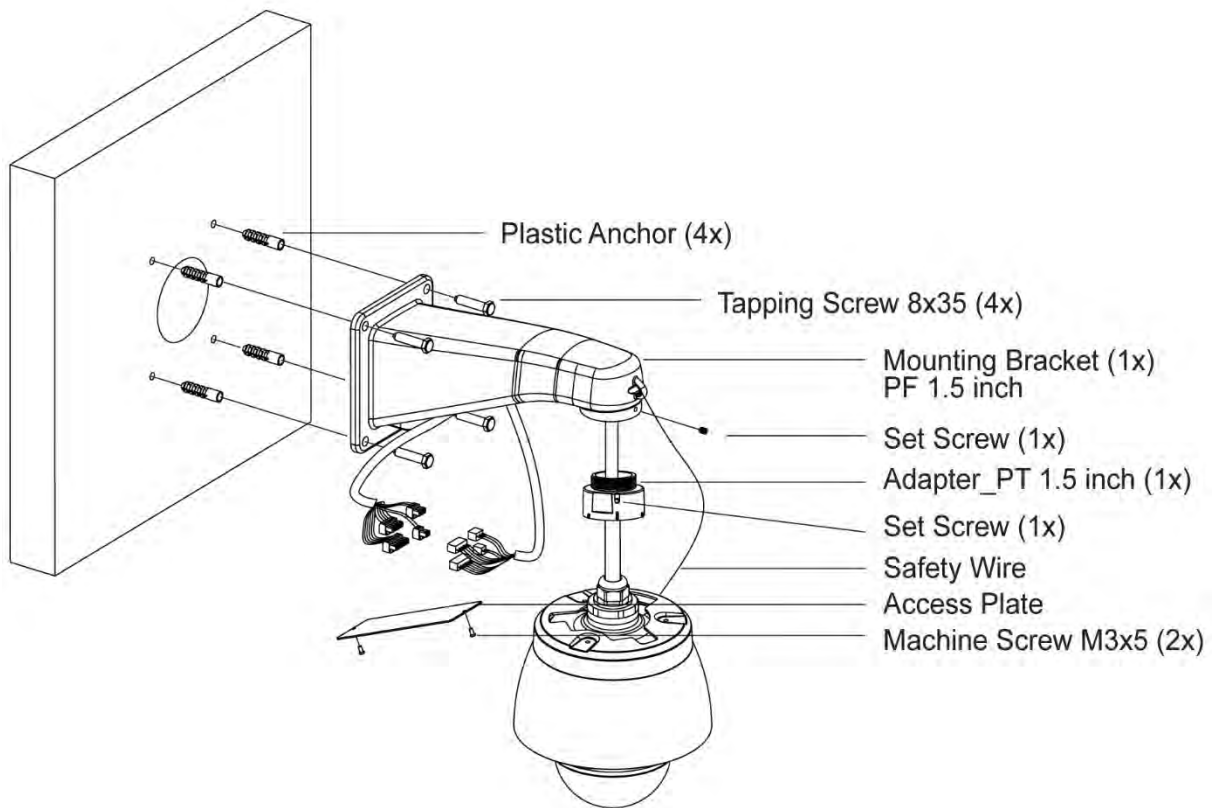
1. Select a suitable mounting location and verify there is sufficient cable to reach the middle of the Wall Mount.

2. Mark and drill mounting holes in the surface using the Wall Mount Flange.

3. Pull out cables required to connect to the dome camera from the wall.

4. Set and fix wall mount bracket using plastic anchors and 8x35 screws.

5. Open the access plate and pull out cables through rectangular access hole of the wall mount bracket.

6. Attach the 1.5 inch adapter to wall mount bracket and fix it using set screw.

7. Attach the camera's safety wire to the wall mount bracket and organize cables.

8. Close the access plate of the wall mount bracket.

9. Push in and turn clockwise the camera into the adapter, and fix it using set screw of the adapter.

2.2.2 Ceiling Mounting

The ceiling mounting plate must be attached to a structural object such as concrete that will support the weight of the mount and dome camera.

Plastic Anchor (3x)
Ceiling Mount (1x)
Locking Nut (1x)
Set Screw (2x)
Tapping Screw 6x35 (3X)
Socket (1x)
Safety Wire (1x)
Machine Screw M5x6 (1x)
Pipe (1x)
Socket Pipe_PF 1.5 inch (1x)
Set Screw (3x)
Adapter_PT 1.5 inch (1x)
Set Screw (2x)

1. Select a suitable mounting location and verify there is sufficient cable to connect with cables from the housing.

2. Mark and drill mounting holes on the surface using the ceiling mount bracket.

3. Pull out cables required to connect to the dome camera from the ceiling.

4. Attach the ceiling mount bracket using plastic anchors and screws.

5. Attach 1.5 inch adapter to the pipe and fix it using set screw of the adapter.

6. Pull out camera cables through the pipe and attach the camera to adapter and fix them using set screw of the adapter.

7. Attach safety wire to the pipe using 6x35 screws of the ceiling mount bracket.

8. Join every connectors and organize cables.

9. Lock hexagonal nut of the ceiling mount bracket to fix camera attached pipe and ceiling mount bracket.

Start Point
(Long Indicator)

Twist

Set Point
(Short Indicator)

Seal using silicone rubber around the circle

2.2 Basic Configuration of Camera System

No.	Connector	Wire Color	Description
1	3-pin terminal block	RED	24VAC or 12VDC+
		WHITE	24VAC or 12VDC-
2	3-pin terminal block	PINK	HEATER & FAN (24VAC)
		BROWN	HEATER & FAN (24VAC)
3	6-pin terminal block	PINK	ALARM INPUT 1
		GRAY	ALARM INPUT 2
		GREEN	ALARM INPUT 3
		BLUE	ALARM INPUT 4
		BROWN	GND
		YELLOW	ALARM OUTPUT
4	RJ-45	BLACK	Ethernet, RJ-45 port compatible with 10/100Mbps having PoE functionality
5	STEREO jack	GRAY	AUDIO OUTPUT
6	STEREO jack	BLACK	AUDIO INPUT

The camera must be installed by qualified service personnel in accordance with all local and federal electrical and building codes.

2.3 Micro-SD Card Insertion

User can install and change Micro-SD card as shown in the following picture.

1. Open the Micro-SD card cover.

2. Install or change Micro-SD card.

3. Tightly close the Micro-SD card cover to ensure waterproofness.

Reset Button

Micro-SD Card Slot
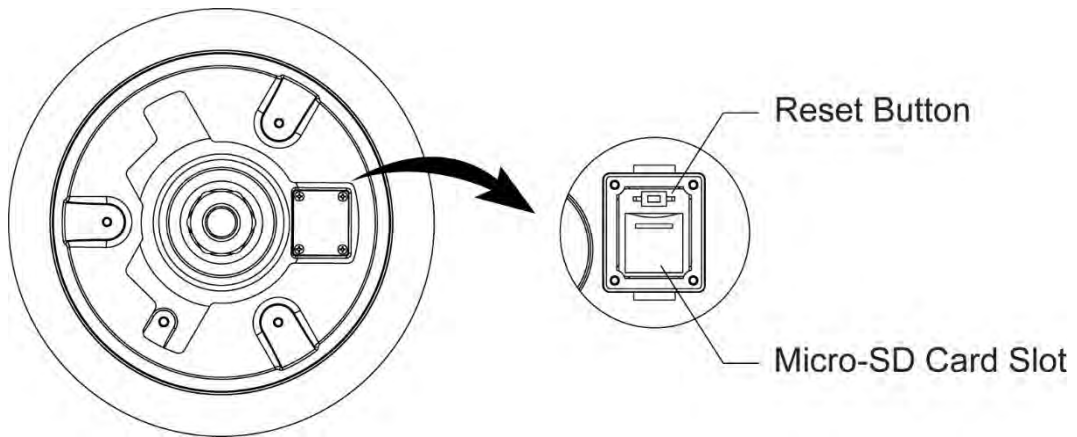
2.4   Connections

• Connecting the Network

Connect a standard RJ-45 cable to the network port of the camera. Generally a crossover cable is used for directly connection to PC, while a direct cable is used for connection to a hub.

• Connecting Audio

Connect speaker to audio output line and external mic to audio input line.

• Connecting Alarms

– A1, A2, A3, A4 (Alarm Input 1, 2, 3, 4)

You can use external devices to signal the camera to react on events. Mechanical or electrical switches can be wired to the A1, A2, A3, A4 (Alarm Input 1, 2, 3, 4) and G (Ground) connectors.

– G (Ground)

NOTE: All the connectors marked G or GND are common.

Connect the ground side of the alarm input and/or alarm output to the G (Ground) connector.

– AO (Alarm Output)

The camera can activate external devices such as buzzers or lights. Connect the device to the AO (Alarm Output) and G (Ground) connectors.

• Connecting the Power of Camera

Connect power of 12VDC or 24VAC for the camera.

When using a 12VDC adapter, connect the positive (+) pole to the '+' position and the negative (-) pole to the '-' position.

Use satisfy clause 2.5 of IEC60950-1/UL60950-1 or Certified/Listed Class 2 power source only.

  – Be careful not to reverse the polarity when you connect the power cable.

  – You can also use a router featuring PoE (Power over Ethernet) to supply power to the camera.

• Connecting the Power of Heater & Fan

Connect power of 24VAC for the heater & fan.

Use satisfy clause 2.5 of IEC60950-1/UL60950-1 or Certified/Listed Class 2 power source only.

2.4.1 Network Connection & IP Assignment

The network camera is designed for use on an Ethernet network and requires an IP address for access. Most networks today have a DHCP server that automatically assigns IP addresses to connected devices. By the factory default, your camera is set to obtain the IP address automatically via DHCP server. If your network does not have a DHCP server the network camera will use 192.168.1.100 as the default IP address.

If DHCP is enabled and the product cannot be accessed, run the SmartManager utility on the CD to search and allocate an IP address, or reset the product to the factory default settings and then perform the installation again.

1) Connect the network camera/device to the network and power up.

2) Start SmartManager utility (Start > All programs > SmartManager > SmartManager). The main window will display, and after a short while any network devices connected to the network will be displayed in the list.
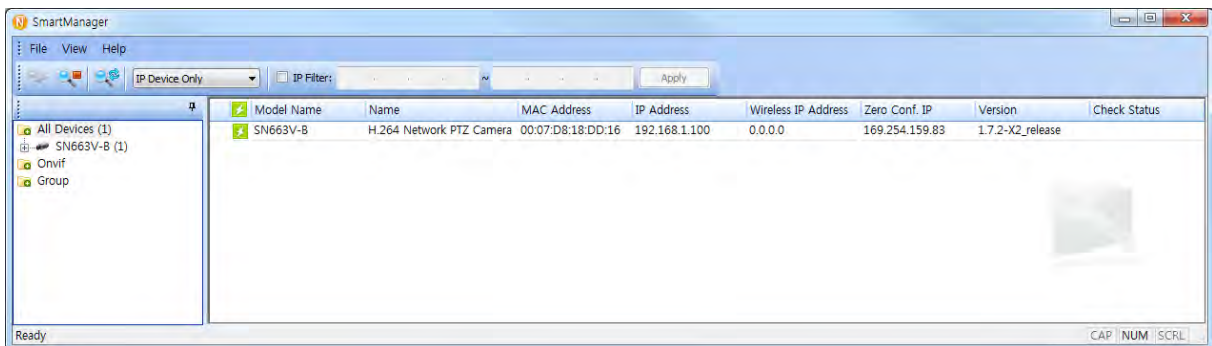
3) Select the camera on the list and click right button of the mouse. A pop-up menu displays as below.
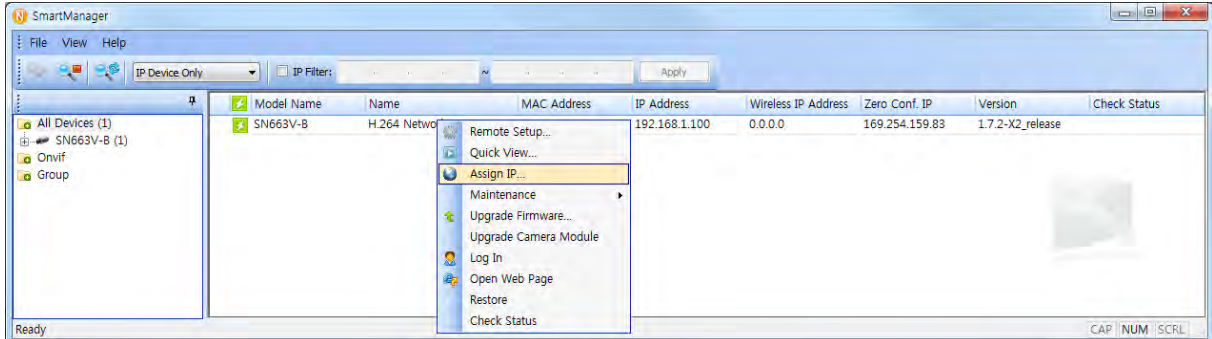
4) Select Assign IP Address. The Assign IP window will display. Enter the required IP address.
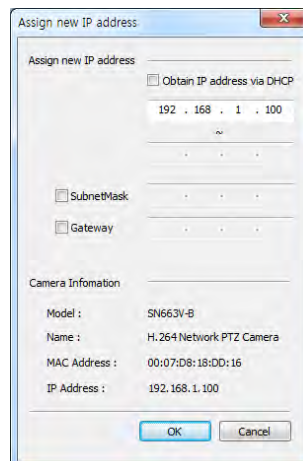
NOTE: For more information, refer to the SmartManager User's Manual.

3 Operation

The network camera can be used with Windows operating system and browsers. The recommended browsers are Internet Explorer, Safari, Firefox, Opera and Google Chrome with Windows.

NOTE: To view streaming video in Microsoft Internet Explorer, set your browser to allow ActiveX controls.

3.1 Access from a browser

1. Start a browser (Internet Explorer).

2. Enter the IP address or host name of the network camera in the Location/Address field of your browser.

3. You can see a starting page. Click **Live View**, **Playback**, or **Setup** to enter web page.

4. The network cameras Live View page appears in your browser.
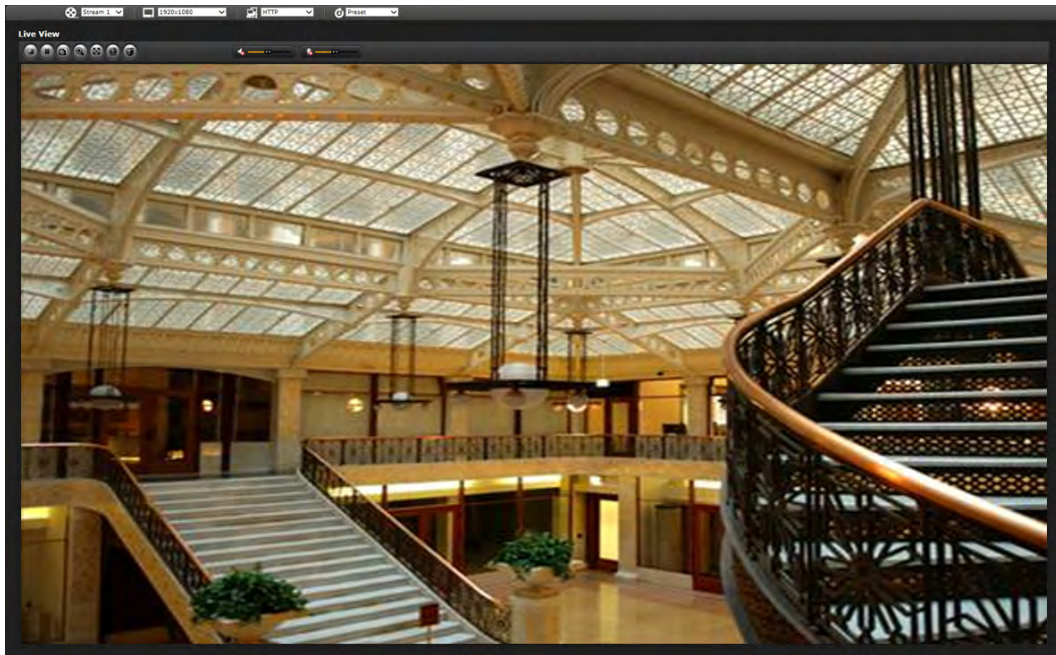
3.2 Access from the internet

Once connected, the network camera is accessible on your local network (LAN). To access the network camera from the Internet you must configure your broadband router to allow incoming data traffic to the network camera. To do this, enable the NAT traversal feature, which will attempt to automatically configure the router to allow access to the network camera. This is enabled from Setup > System > Network > NAT. For more information, please see "System > Network > NAT" of User Manual.

3.3 Setting the admin password over a secure connection

To gain access to the product, the password for the default administrator user must be set. This is done in the Admin Password dialog, which is displayed when the network camera is accessed for the setup at the first time. Enter your admin name and password, set by the administrator.

NOTE: The default administrator user name is **ADMIN** and password is **1234**. If the password is lost, the network camera must be reset to the factory default settings. Please see "Resetting to the factory default settings".

To prevent network eavesdropping when setting the admin password, this can be done via an encrypted HTTPS connection, which requires an HTTPS certificate (see NOTE below). To set the password via a standard HTTP connection, enter it directly in the first dialog shown above. To set the password via an encrypted HTTPS connection, please see "System > Security > HTTPS" of User Manual.

NOTE: HTTPS (Hypertext Transfer Protocol over SSL) is a protocol used to encrypt the traffic between web browsers and servers. The HTTPS certificate controls the encrypted exchange of information.

3.4 Live View Page

The Live View page comes in several screen modes: 1920x1080, 1280x1024, 1280x720(960), 1024x768, 704x480(576), 640x480(360) and 320x240. Users are allowed to select the most suitable one out of those modes. Adjust the mode in accordance with your PC specifications and monitoring purposes.
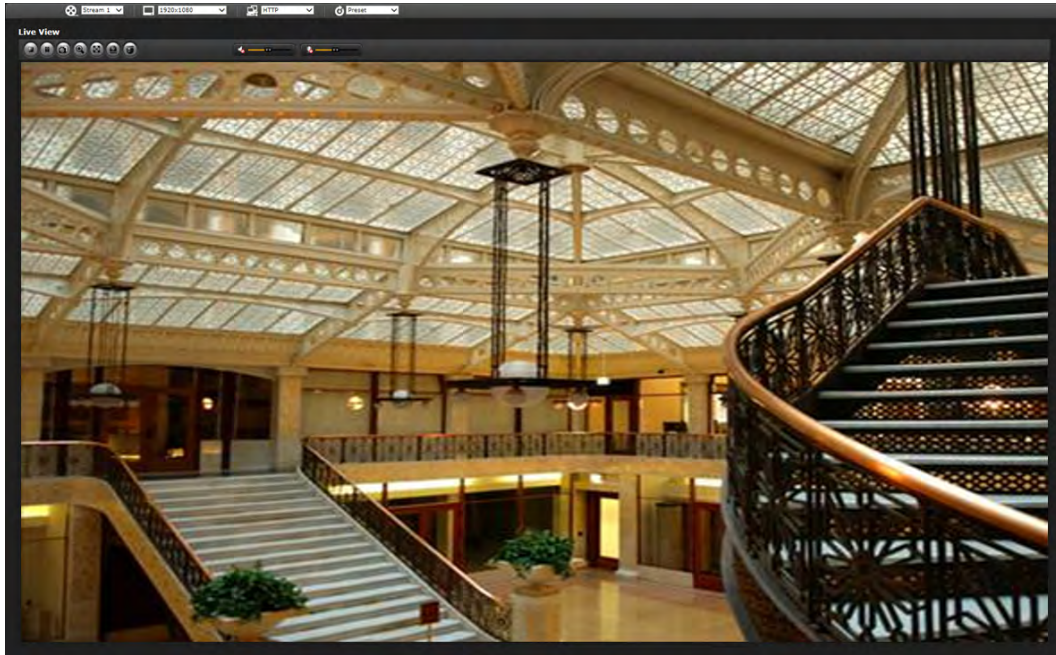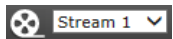

1) General controls
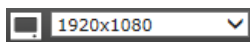
Live View Page   Playback Page   Setup Page   Help Page

Stream 1 The video drop-down list allows you to select a customized or preprogrammed video stream on the Live View page. Stream profiles are configured under Setup > Basic Configuration > Video & Image. For more information, please see "Basic Configuration > Video & Image" of User Manual.

1920x1080 The resolution drop-down list allows you to select the most suitable one out of video resolutions to be displayed on Live View page.

HTTP The protocol drop-down list allows you to select which combination of protocols and methods to use depending on your viewing requirements and on the properties of your network.
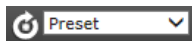
Preset The preset drop-down list allows you to select the preset number for the PTZ camera being used. This icon is inactivated if the PTZ settings are not set.

2) Control toolbar

The live viewer toolbar is available in the web browser page only. It displays the following buttons:

The **Stop** button stops the video stream being played. Pressing the key again toggles the play and stop.

The **Play** button connects to the network camera or starts playing a video stream.

The **Pause** button pauses the video stream being played.

The **Snapshot** button takes a snapshot of the current image. The location where the image is saved can be specified.

The **Digital Zoom** button activates a zoom-in or zoom-out function for video image on the live screen.

The **Full Screen** button causes the video image to fill the entire screen area. No other windows will be visible. Press the 'Esc' button on the computer keyboard to cancel full screen view.

The **Manual Trigger** button activates a pop-up window to manually start or stop the event.

The **PTZ** button activates a pop-up window for Pan, Tilt and Zoom control.

The **VCA** button shows/hides VCA rule setting and detected objects. (Future function)

The **Face Detector** button shows/hides detected faces. (Future function)

The **Speaker** button activates/deactivates external speaker.

The **Mic** button activates/deactivates microphone input.

Use this scale to control the volume of the speakers and microphones.

**NOTE1:** VCA and Face Detector buttons appear only when each function is activated. (Future function)

NOTE2: VCA and Face Detector work exclusively to each other.

3) Video Streams

The network camera provides several images and video stream formats. Your requirements and the properties of your network will determine the type you use.

The Live View page in the network camera provides access to H.264 and Motion JPEG video streams, and to the list of available video streams. Other applications and clients can also access these video streams/images directly, without going via the Live View page.

3.5 Playback
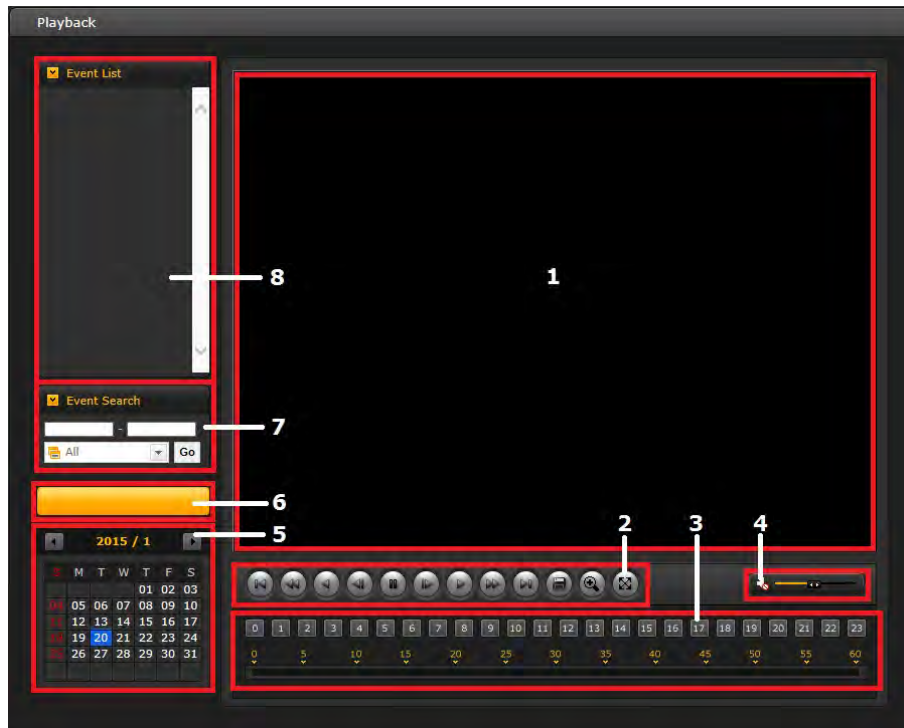
The Playback window contains a list of recordings made to the memory card. It shows each recording's start time, length, the event type used to start the recording, calendar and time slice bar indicates if the recording is existed or not.

The description of playback window follows.

1) Video Screen

You can see the video screen when playing the video clip in the Micro SD memory.

2) Playback Buttons

To view a recording data in the SD local storage, select it from the list and click the Playback buttons.

Go to the first: go to the beginning of the video clip.

Fast backward play: fast play backward (rewind) of the video clip.

Backward play: play backward (rewind) of the video clip.

Step backward play: go back one frame of the video clip.

Pause: pause playback of the video clip.

Step forward play: go forward one frame of the video clip.

Forward Play: play forward the video clip.

Fast forward play: play fast forward of the video clip.

Go to the last: go to the end of the video clip.

Clip copy: copy the video clip.

Zoom In: zoom in the video clip.

Full Screen: display full screen of the video.

3) Time Chart

Display an hour-based search screen for the chosen date. If there is recording data, a blue section will be displayed on a 24-hour basis. If you select a particular hour in the chart, a yellow square on the hour will be displayed.

4) Speaker Control Bar

Use this scale to control the volume of the speakers.

5) Search Calendar

Search results from the SD local storage in the network camera connected are displayed monthly. If there is a recorded data for a particular date, a blue square on the date will be displayed. If you select a particular date in the calendar, a yellow square on the date will be displayed.

6) Play Time

Displays time of the video playing.

7) Event Search Window

Select a search option in the drop-down list and click GO button. You can also enter the time period for searching. If you click Start Date or End Date zone, the Search Calendar displays.
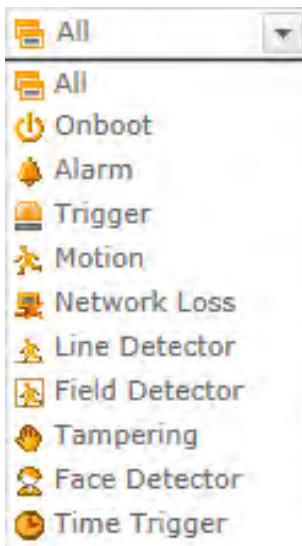
8) Event List Window

Event List displays the event(s) that were recorded in the SD local storage. Select a list and click the play button. The video clip will be played.

3.6 Network Camera Setup

This section describes how to configure the network camera.

Administrator has unrestricted access to all the Setup tools, whereas Operators have access to the settings of Basic Configuration, which are Live View, Video & Image, Audio, Event, Dome Configuration, and System.

You can configure the network camera by clicking Setup either in the first connection page or the top second-right button of the Live View page. Accessing the network camera from a computer for the first time opens the Admin Password dialog box. Enter your administrator or operator id and password to get into setup page.

NOTE: If the password is lost, the network camera must be reset to the factory default settings. Please see "Resetting to the factory default setting".

Resetting to the factory default settings

To reset the network camera to the original factory settings, go to the Setup > System > Maintenance web page (described in "System > Maintenance" of User Manual) or use the **Reset** button on the network camera, as described below:

Reset Button
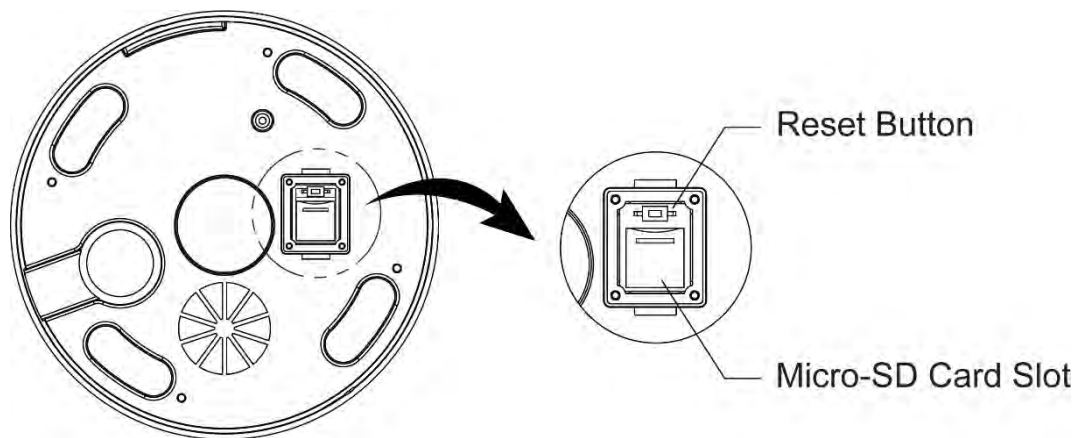
Micro-SD Card Slot

• Using the Reset button:

Follow the instructions below to reset the network camera to the factory default settings using the Reset button.

1. Switch off the network camera by disconnecting the power adapter.

2. Open the Micro-SD card cover.

3. Press and hold the Reset button (SW1) on the board with your finger while reconnecting the power.

4. Keep the Reset button (SW1) pressed for about 2 seconds.

5. Release the Reset button (SW1).

6. The network camera resets to factory defaults and restarts after completing the factory reset. The unit now obtains the IP address automatically via DHCP.

7. Tightly close the Micro-SD card cover to ensure waterproofness.

CAUTION: When performing a Factory Reset, you will lose any settings that have been saved.

System Requirement for Web Browser

- **Operating System:** Microsoft Windows OS Series
- **CPU:** Intel Core 2 Duo 2GHz or higher, 1GB RAM or more, 10GB free disk or higher
- **VGA:** AGP, Video RAM 32MB or higher (1024x768, 24bpp or higher)

General Performance Considerations

When setting up your system, it is important to consider how various settings and situations will affect performance. Some factors affect the amount of bandwidth (the bit rate) required, others can affect the frame rate, and some affect both. If the load on the CPU reaches its maximum, this will also affect the frame rate.

The following factors are among the most important to consider:

- High image resolutions and/or lower compression levels (or high bitrates) result in larger images. Frame rate and Bandwidth affected.
- Accessing both Motion JPEG and H.264 video streams simultaneously. Frame rate and bandwidth affected.
- Heavy network utilization due to poor infrastructure. Frame rate and Bandwidth affected.
- Heavy network utilization via wireless router due to poor infrastructure. Frame rate and bandwidth affected.
- Viewing on poorly performing client PCs lowers perceived performance. Frame rate affected.

More Information

For more information, please see the network camera User Manual, which is available on the CD included in this package.

Shipping Instructions

Use the following procedure when returning a unit to the factory:

1. Call or write Vicon for a Return Authorization (R.A.) at one of the locations listed below. Record the name of the Vicon employee who issued the R.A.

   Vicon Industries Inc.
   135 Fell Court
   Hauppauge, NY 11788
   Phone: 631-952-2288; Toll-Free: 1-800-645-9116; Fax: 631-951-2288

   For service or returns from countries in Europe, contact:

   Vicon Industries (U.K.) Ltd
   Brunel Way
   Fareham, PO15 5TX
   United Kingdom
   Phone: +44 (0)1489/566300; Fax: +44 (0)1489/566322

2. Attach a sheet of paper to the unit with the following information:
   a. Name and address of the company returning the unit
   b. Name of the Vicon employee who issued the R.A.
   c. R. A. number
   d. Brief description of the installation
   e. Complete description of the problem and circumstances under which it occurs
   f. Units original date of purchase, if still under warranty

3. Pack the unit carefully. Use the original shipping carton or its equivalent for maximum protection.
4. Mark the R.A. number on the outside of the carton on the shipping label.

Vicon Standard Equipment Warranty

Vicon Industries Inc. (the Company) warrants your equipment to be free from defects in material and workmanship under Normal Use from the date of original retail purchase for a period of three years, with the following exceptions:

1. All IQEYE Cameras: Two years if purchased before 1/1/2011.
2. Alliance-mini (IQD3xx), Alliance-mx (IQMxxx) and 3 Series (IQO3xx): Five years if purchased between 1/2/2011 – 12/31/2014.
3. Alliance-Pro (IQA3xx): Five years if purchased between 3/2/2012 – 12/31/2014. Three years if the motorized lens (IQA3xx-A3) option.
4. Access Control System Components: Two year from date of original retail purchase.
5. Uninterruptible Power Supplies: Two years from date of original retail purchase.
6. VDR-700 Recorder Series: One year from date of original retail purchase.
7. V5616MUX: One year from date of original retail purchase.
8. Arecont Cameras: One year from date of original retail purchase.
9. FMC series fiber-optic media converters and associated accessories: Lifetime warranty.
10. For PTZ cameras, "Normal Use" excludes prolonged use of lens and pan-and-tilt motors, gear heads, and gears due to continuous use of "autopan" or "tour" modes of operation. Such continuous operation is outside the scope of this warranty.
11. Any product sold as "special" or not listed in Vicon's commercial price list: One year from date of original retail purchase.

NOTE:

• If the product is to be used outdoors or in dusty, humid, or other hostile environments, it must be suitably protected.

• Camera products must be protected, whether in use or not, from exposure to direct sunlight or halogen light as the light may damage the camera image sensor. This applies to both indoor and outdoor use of the cameras.

• For camera products supplied without a lens, extreme care should be used when mounting a lens on these products. Damage to the product due to incorrectly mounted lenses will invalidate this limited hardware warranty.

• Failure to comply with any of the aforementioned requirements will invalidate this Limited Hardware Warranty.

Date of retail purchase is the date original end-user takes possession of the equipment, or, at the sole discretion of the Company, the date the equipment first becomes operational by the original end-user.

The sole remedy under this Warranty is that defective equipment be repaired or (at the Company's option) replaced, at Company repair centers, provided the equipment has been authorized for return by the Company, and the return shipment is prepaid in accordance with policy. Repaired or replacement hardware will be warranted for the remainder of the original Warranty Period or ninety (90) days, whichever is longer. When a product or part is exchanged the replacement hardware becomes the property of the original purchaser and all hardware or part thereof that is replaced shall become the property of Vicon.

The warranty does not apply (a) to faulty and improper installation, maintenance, service, repair and/or alteration in any way that is not contemplated in the documentation for the product or carried out with Vicon consent in writing, operation adjustments covered in the operating manual for the product or normal maintenance, (b) to cosmetic damages, (c) if the product is modified or tampered with, (d) if the product is damaged by acts of God, misuse, abuse, negligence, accident, normal wear and tear and deterioration, improper environmental conditions (including, but not limited to, electrical surges, water damage,

chemical exposure, an/or heat/cold exposure) or lack of responsible care, (e) if the product has had the model or serial number altered, defaced or removed, (f) to consumables (such as storage media or batteries) (g) to products that have been purchased "as is" and Vicon the seller or the liquidator expressly disclaim their warranty obligation pertaining to the product, (h) to any non-Vicon hardware product or any software (irrespective of packaged or sold with Vicon hardware product) and Vicon products purchased from an unauthorized distributor/reseller, (i) to damage that occurs in shipment or (j) to damages by any other causes not related to defective design, workmanship and/or materials.

The warranty for the products shall run from Vicon to End User customers only (including product purchased through authorized partners and resellers). Vicon is not obligated under any circumstances to honor warranties on product(s) purchases from internet auction sites including eBay, uBid or from any other unauthorized resellers. Except as explicitly provided herein, Vicon disclaims all other warranties, including the implied warranties of fitness for a particular purpose and merchantability.

Software supplied either separately or in hardware is furnished on an "As Is" basis. Vicon does not warrant that such software shall be error (bug) free. Software support via telephone, if provided at no cost, may be discontinued at any time without notice at Vicon's sole discretion. Vicon reserves the right to make changes to its software in any of its products at any time and without notice.

The Warranty and remedies provided above are exclusive and in lieu of all other express or implied warranties including, but not limited to, the implied warranties of merchantability or fitness for a particular purpose. Certain jurisdictions do not allow the exclusion of implied warranties. If laws under such jurisdictions apply, then all express and implied warranties are limited to the warranty period identified above. Unless provided herein, any statements or representations made by any other person or firm are void. Except as provided in this written warranty and to the extent permitted by law, neither Vicon nor any affiliated shall be liable for any loss, (including loss of data and information), inconvenience, or damage, including, but not limited to, direct, special, incidental or consequential damages, resulting from the use or inability to use the Vicon product, whether resulting from breach of warranty or any other legal theory. Notwithstanding the foregoing, Vicon total liability for all claims under this warranty shall not exceed the price paid for the product. These limitations on potential liabilities have been an essential condition in setting the product.

No one is authorized to assume any liability on behalf of the Company, or impose any obligations on it in connection with the sale of any Goods, other than that which is specified above. In no event will the Company be liable for indirect, special, incidental, consequential, or other damages, whether arising from interrupted equipment operation, loss of data, replacement of equipment or software, costs or repairs undertaken by the Purchaser, or other causes.

This warranty applies to all sales made by the Company or its dealers and shall be governed by the laws of New York State without regard to its conflict of laws principles. This Warranty shall be enforceable against the Company only in the courts located in the State of New York.

The form of this Warranty is effective August 1, 2015.

THE TERMS OF THIS WARRANTY APPLY ONLY TO SALES MADE WHILE THIS WARRANTY IS IN EFFECT. THIS WARRANTY SHALL BE OF NO EFFECT IF AT THE TIME OF SALE A DIFFERENT WARRANTY IS POSTED ON THE COMPANY'S WEBSITE, WWW.VICON-SECURITY.COM. **IN THAT EVENT, THE TERMS OF THE POSTED WARRANTY SHALL APPLY EXCLUSIVELY.**

VICON PART NUMBER: 8006-9010-03-11 Rev 0815

Vicon Industries Inc.

For office locations, visit the website:

www.vicon-security.com

VICON

50304078A