clinton electronics

CE-IPVX4 Quick Installation Guide

CE-IPVX4 Quick Installation Guide

Package Contents

Camera	• CE-IPVX4 Vandal X IP Outdoor True D/N Camera
Quick Installation Guide	• Brief product information and quick installation
Software CD	• Intelligent IP Installer • User Manuals • Language Packs
Accessory	• Screw pack for wall & ceiling mounting (4 screws, 4 plastic wall anchors) • T20 Torx Security Wrench • CAT5 Female Coupler

> ***Note:***
> CAT5 cables are supplied by user. RJ45 Ethernet network connection (using CAT5 standard UTP or better quality cable) for Power over Ethernet (PoE 802.3af/at).
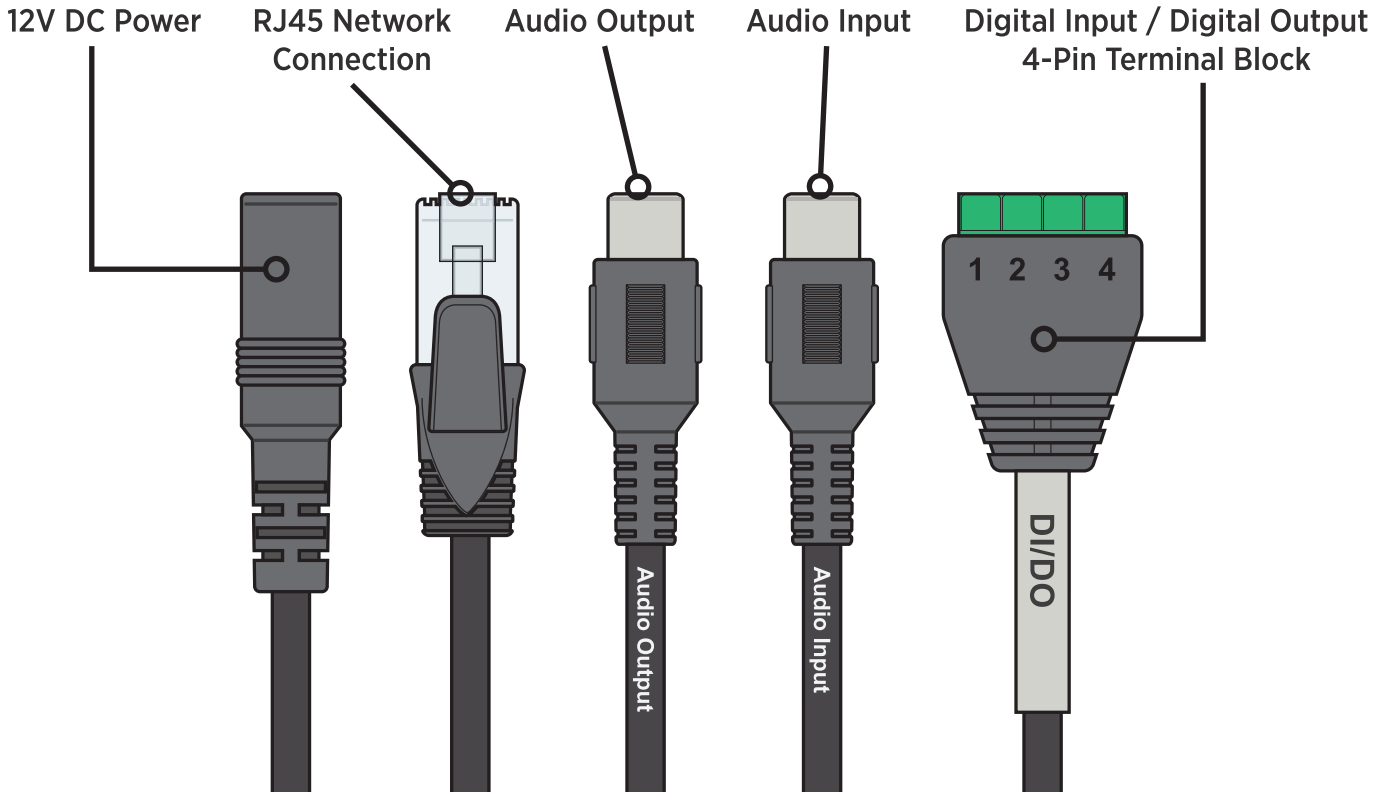
For normal operation and viewing of the network camera, it's recommended that your system meet these minimum requirements for proper operation:

Item	Minimum Requirements
CPU	Pentium 4 2.8GHz (or equivalent AMD)
Graphics Card	256MB RAM graphics card (or equivalent on-board graphics card)
RAM	Minimum 1 GB of RAM, (2GB or above is recommended)
Operating System	Windows 2000, 2003, XP, Vista, 7, 8 or 10. Mac OS Leopard 10.5
Web Browser	Internet Explorer 8 or later

Note:

1. If using Windows 98 or Windows ME, please install IP Installer before using Web Viewer to ensure the system runs normally.

2. If not able to view the recorded video file, please install Xvid codec. (For Windows 98, ME or 2000 server, the codec might not work properly. Please download Xvid codec 1.0 from the internet.)

3. Please keep updating the latest Windows software and service package. (Ex: Net Framework, Windows Media Player, Enhance ActiveX Security).

4. Web Viewer controls are limited on Safari, Google Chrome & Firefox.

5. IP Installer Software does not currently work on MAC computers.

CE-IPVX4 Connections

12V DC Power   RJ45 Network Connection   Audio Output   Audio Input   Digital Input / Digital Output 4-Pin Terminal Block

AUDIO OUTPUT: Connect external speaker to play audio from PC/monitoring end.

**AUDIO INPUT:** Connect external microphone to listen to audio from camera area.

| DI / DO Terminal Block Pin Definition			
PIN	**Definition**	**Description**	**Max. V/A**
1	12V DC	Power (+)	12V DC / 1.2W
2	Ground	Power (-)	
3	Digital Input	Connected to GND to activate, or leave floating (or unconnected) to deactivate.	30V DC
4	Digital Output	Uses an NPN transistor with the emitter connected to the GND pin. If used with an external relay, a diode must be connected in parallel with the load for protection against voltage transients.	24V / 100mA
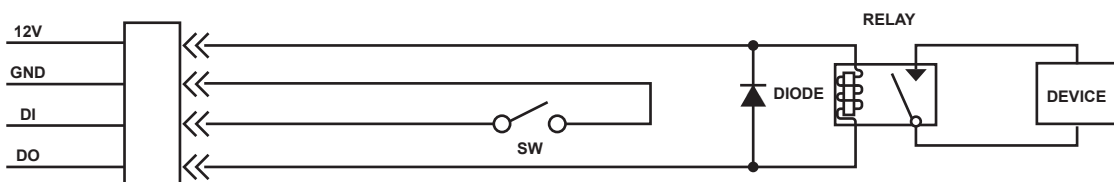
CE-IPVX4 Quick Installation Guide

1 **Remove Dome Cover:** Use the supplied T20 Torx wrench to loosen the 3 Torx screws that hold the dome assembly onto the base. Remove the top dome cover from the camera base and set aside.
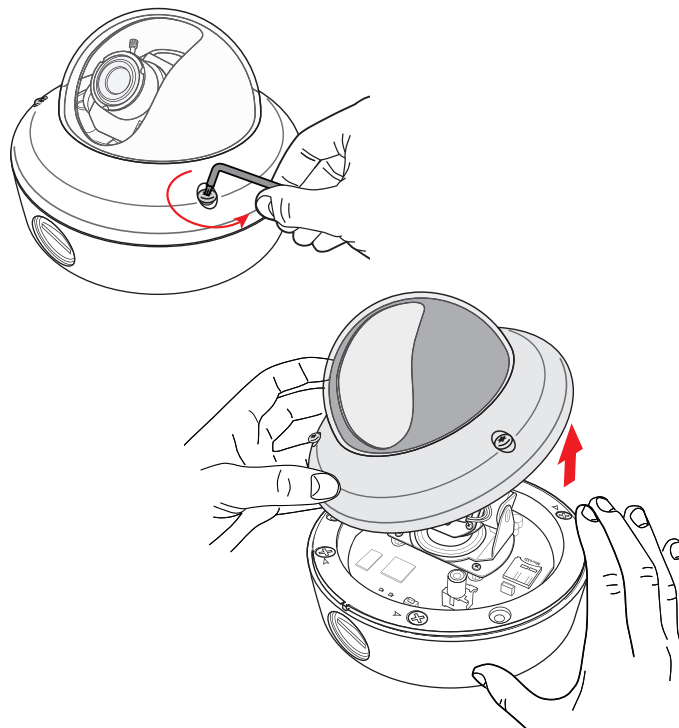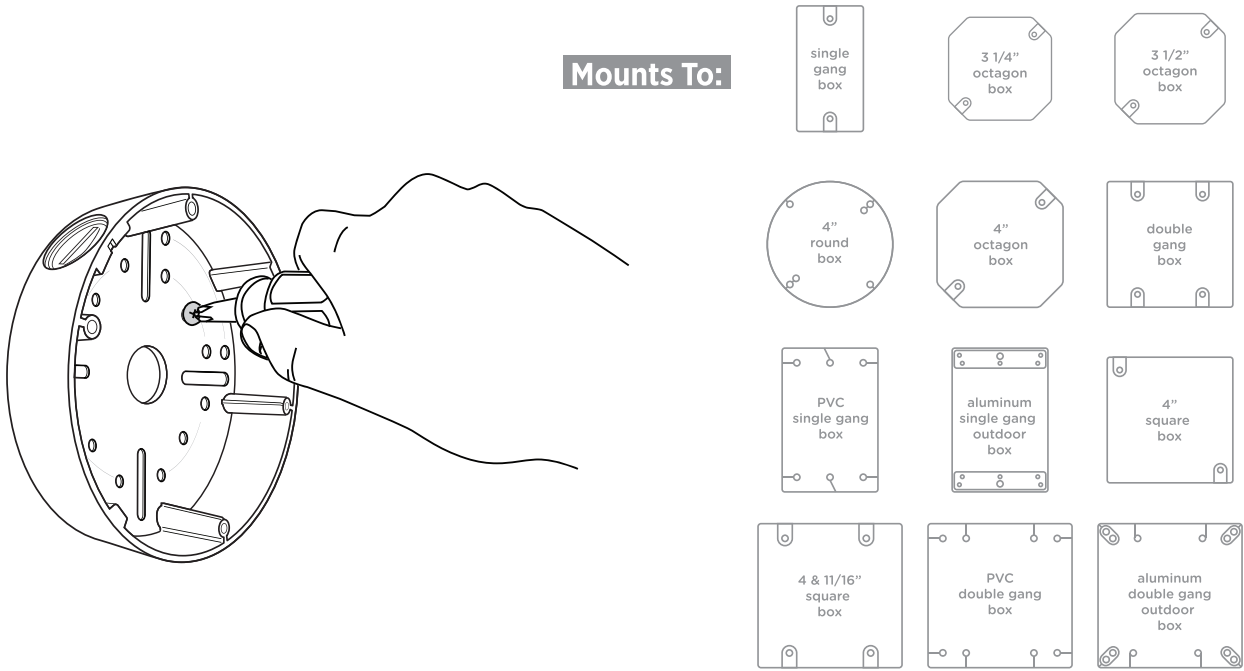

2 **Remove Inner Camera Assembly:** Remove the four Phillips head screws that hold the inner case onto the camera base, then remove the inner camera assembly from the camera base.
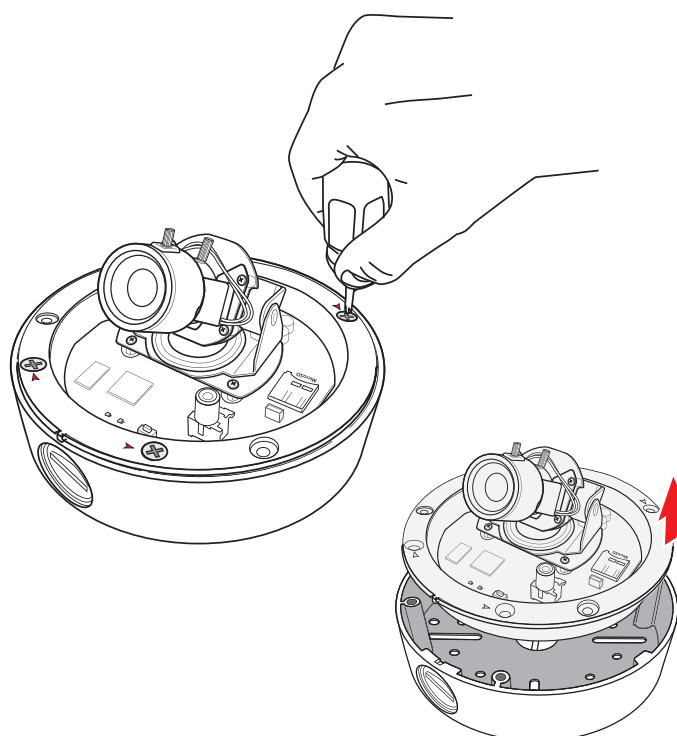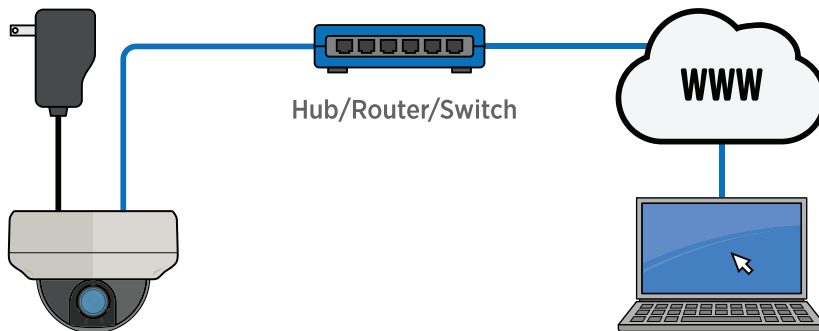
CE-IPVX4 Quick Installation Guide

③ Mount Outer Case: If mounting to solid surface, use the four Phillips head mounting screws & drywall anchors if necessary, or other appropriate fastener (sheet metal screws, masonry screws/bolts, etc.)
If mounting to a conduit box, choose the mounting hole pattern that best suits your application and use the appropriate screws. Multiple mounting hole patterns are provided.

Mounts To:

single gang box

3 1/4" octagon box

3 1/2" octagon box

4" round box

4" octagon box

double gang box

PVC single gang box

aluminum single gang outdoor box

4" square box

4 & 11/16" square box

PVC double gang box

aluminum double gang outdoor box

④ Attach Cables & Power Supply: The camera can be powered either with an optional 12 Volt DC power supply or with a PoE supported Hub/Router/Switch.
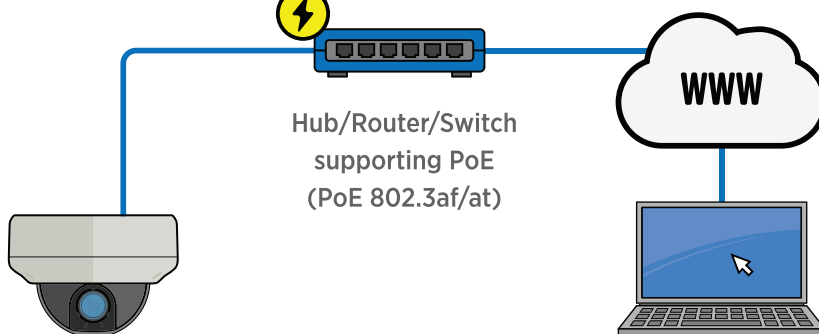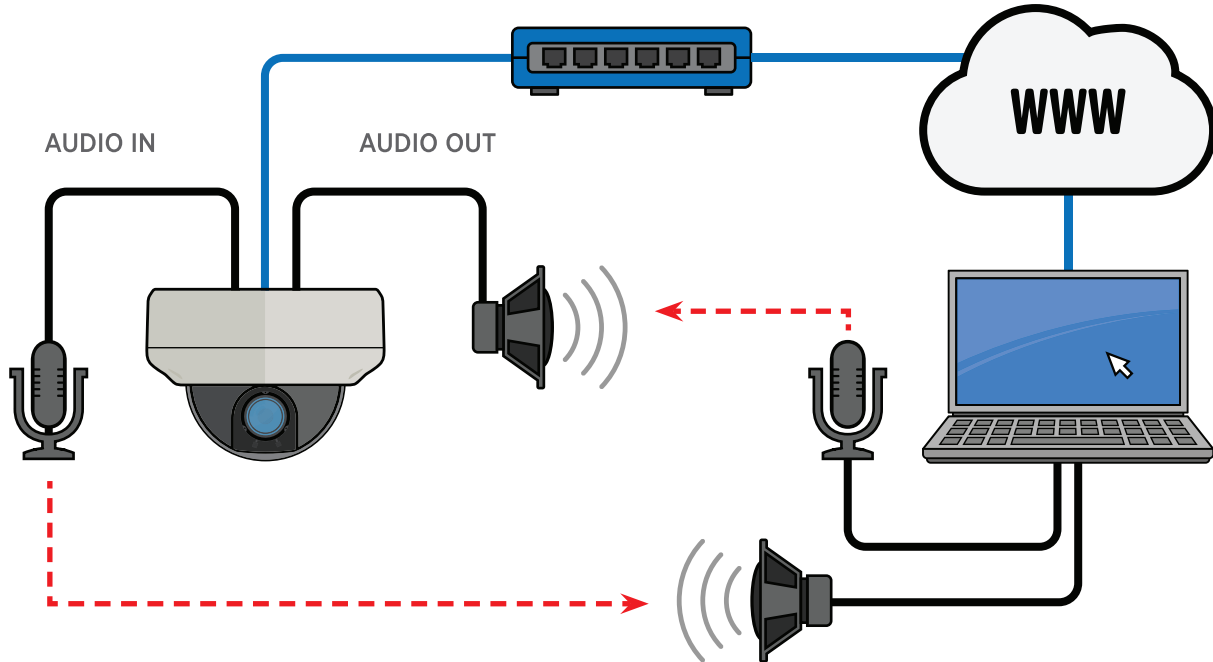
12vDC

12vDC (1A) Power Supply

Hub/Router/Switch

WWW

PoE

Hub/Router/Switch supporting PoE (PoE 802.3af/at)

WWW

⑤ Attach Cables & Power Supply (continued): Make any desired audio connections using the Audio In/ Audio Out cables. Microphone & Speaker(s) sold separately.

AUDIO IN   AUDIO OUT   WWW

AUDIO OUTPUT: Connect external speaker to play audio from PC/monitoring end.

AUDIO INPUT: Connect external microphone to listen to audio from camera area.

⑥ LEDs: After the camera is connected to a power source and an ethernet connection is made, the 2 LEDs on the circuit board will illuminate.
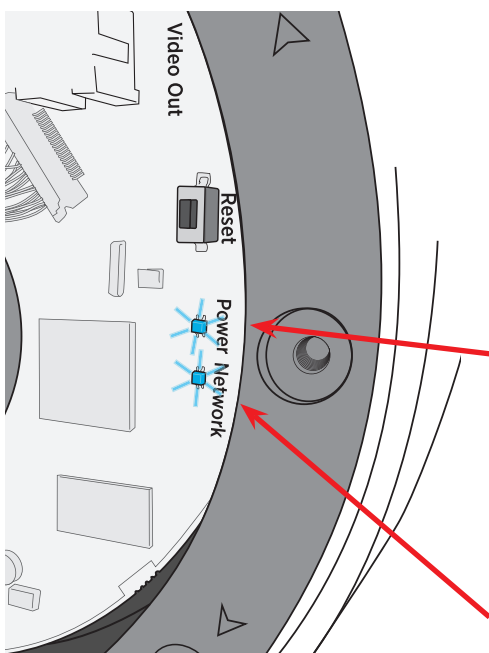
| LED Indicator Definition		
LED	**Color**	**Indication**
Power	**Red**	Steady red for booting up process; Steady red for 30 Seconds when WPS configure has failed
	Blue	Steady blue for booting up completion
	Purple	Flashes purple during firmware upgrade; when reset button is pressed for at least 5 sec. to factory default
	Off	When you press reset button; or Power off
Network	**Blue**	Flashes blue when there is network activity

7 **Replace Inner Camera Assembly:** After power/video connections are made and any extra cable is concealed in mounting surface; replace the inner camera assembly into the mounting base as shown below. Align the key on the lip of the inner camera assembly with the slot on the camera base when reassembling.

SLOT

KEY
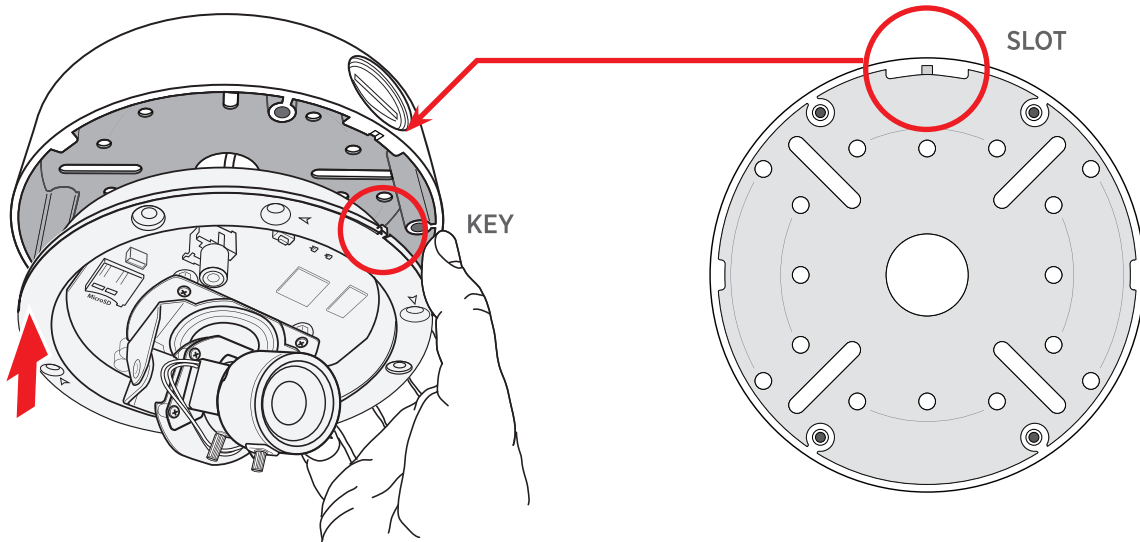
Note:
If key & slot are not aligned properly the weather resistant seal will be comprised, allowing water to leak into the camera.

8 **Attach Camera Assembly to Outer Case:** Replace the four Phillips head screws that hold the inner camera assembly to the outer case. The four holes are marked with arrowheads.
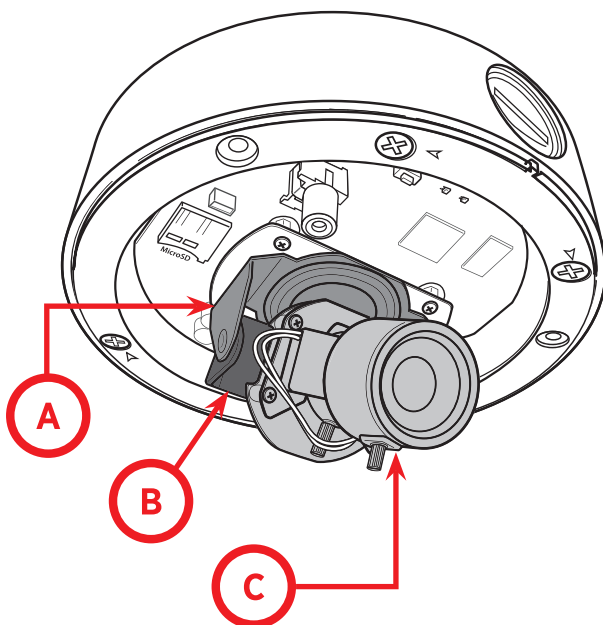
ARROWHEAD
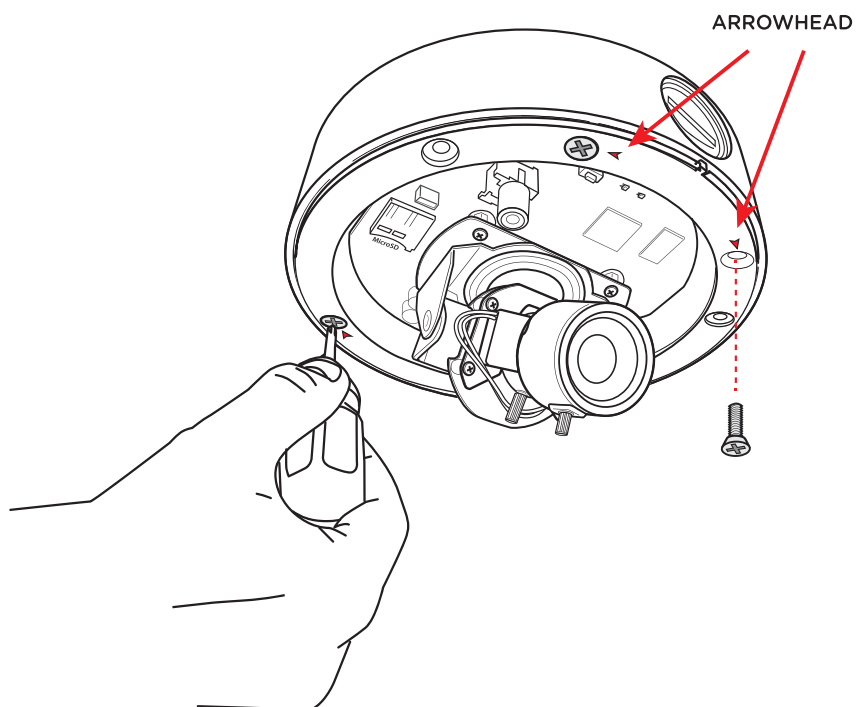
CE-IPVX4 Quick Installation Guide

9 **Test Monitor Connection:** To view the camera image while making zoom/focus adjustments, connect an RCA video cable to the Video Out port on the camera's circuit board. This is an ANALOG video connection.
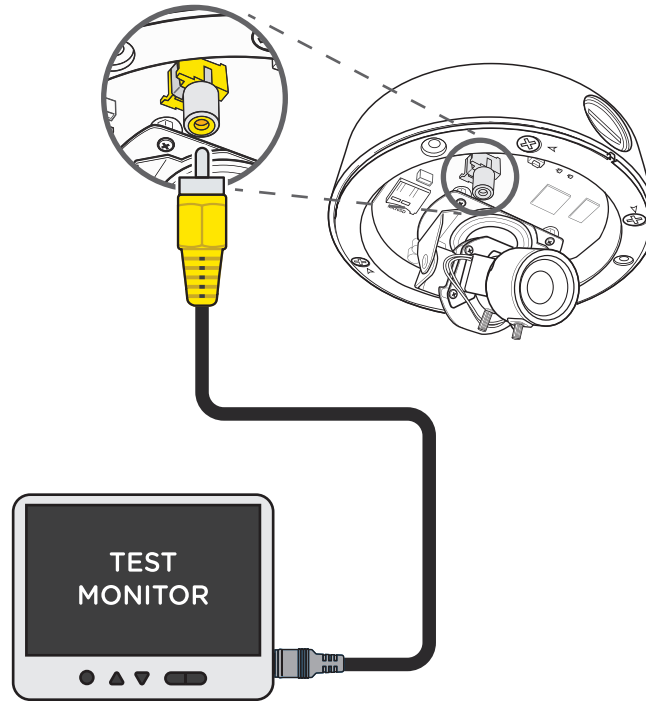
10 **Camera Adjustment:** Use the 3-Axis gimbal to adjust the camera viewing angle as necessary.

**A.** Turn left or right to adjust the pan of the camera.

B. Turn up or down to adjust the tilt of the camera.

**C.** Rotate the lens module to adjust the orientation of the camera.

11 **Zoom / Focus Adjustment:** Loosen the appropriate adjustment lever by turning counter-clockwise. To widen or narrow the viewing angle rotate the ZOOM lever to the Left or Right. Rotate the Focus lever Left or Right to focus the lens.

ZOOM   FOCUS
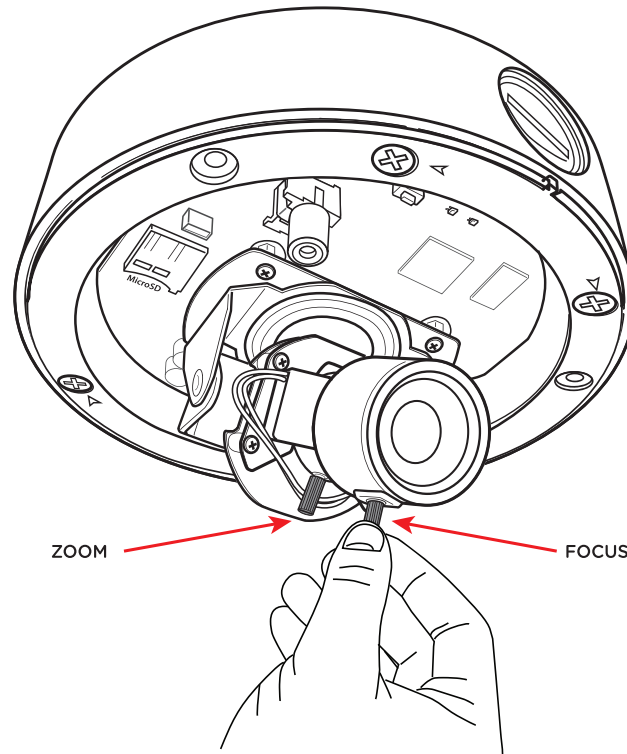
12 **Final Assembly:** After image adjustments have been made, carefully install the dome cover onto the camera base. Then using the supplied Torx wrench, tighten the 3 Torx screws that hold the dome cover onto the base. Make sure each screw is tight to ensure superior weather resistance.
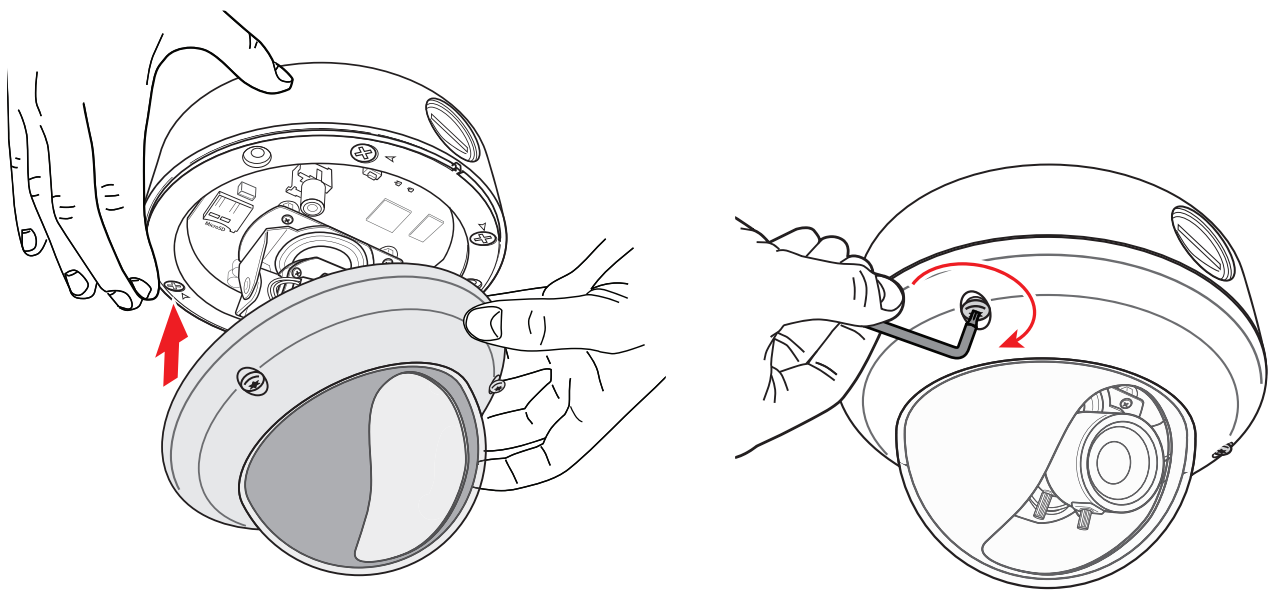
Note:
If torx screws aren't fully tightened the weather resistant seal will be comprised, allowing water to leak into the camera.
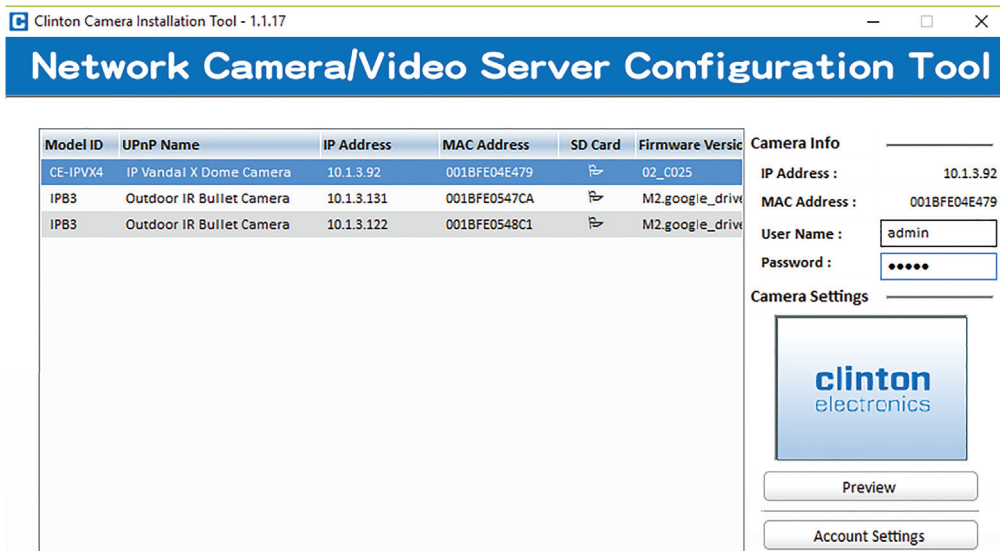
IP Installer Software - Windows PC

① Install Software: After the camera has been installed, insert the CD-ROM into a Windows PC. The setup page will show up automatically. Select "Intelligent IP Installer" and follow the installation process to complete the installation.

Clinton QIG & QSG

> CE-IPMD1 Quick Install Guide
> CE-IPD2 Quick Install Guide
> CE-IPB3 Quick Install Guide
> SAT viewer QSG

Clinton IP installer

> IP Installer Setup

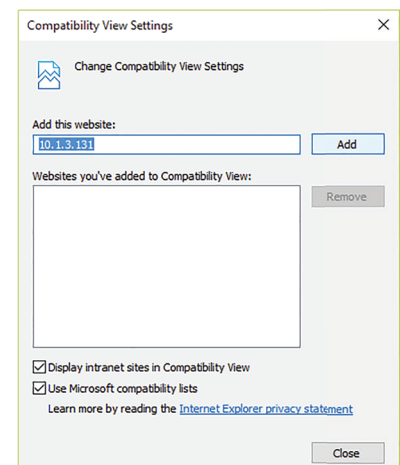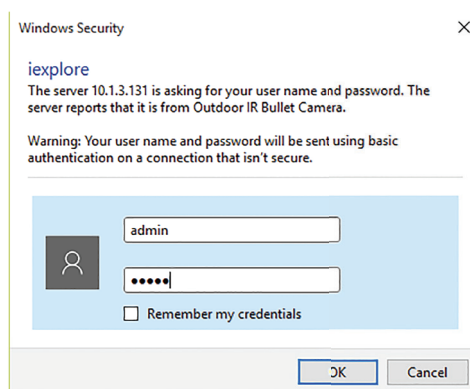For latest IP Installer software, visit the Support page on *www.clintonelectronics.com*

② Click the Intelligent IP Installer Icon on your desktop. The main page will show up listing all active camera and video server devices. Select the relevant IP camera from the list and double click to enter the camera User Interface. The default web browser for viewing is Internet Explorer.

Clinton Camera Installation Tool - 1.1.17

Network Camera/Video Server Configuration Tool

Model ID	UPnP Name	IP Address	MAC Address	SD Card	Firmware Versic
CE-IPVX4	IP Vandal X Dome Camera	10.1.3.92	001BFE04E479	⚐	02_C025
IPB3	Outdoor IR Bullet Camera	10.1.3.131	001BFE0547CA	⚐	M2.google_drive
IPB3	Outdoor IR Bullet Camera	10.1.3.122	001BFE0548C1	⚐	M2.google_drive

Camera Info

IP Address : 10.1.3.92
MAC Address : 001BFE04E479
User Name : admin
Password : •••••

Camera Settings

clinton electronics

Preview

Account Settings

③ Enter Username and Password to login to the IP Camera. (Default is admin / admin). Then go to Settings/Compatibility View. Type in the camera's IP address and click ADD. Once the cameras IP address has been added to the Compatibility View list, click CLOSE.

Note:
Default Username: *admin*
Default Password: *admin*

Windows Security

iexplore
The server 10.1.3.131 is asking for your user name and password. The server reports that it is from Outdoor IR Bullet Camera.

Warning: Your user name and password will be sent using basic authentication on a connection that isn't secure.

admin
•••••
☐ Remember my credentials

OK   Cancel

Compatibility View Settings

Change Compatibility View Settings

Add this website:
10.1.3.131   Add

Websites you've added to Compatibility View:
Remove

☑ Display intranet sites in Compatibility View
☑ Use Microsoft compatibility lists
Learn more by reading the Internet Explorer privacy statement
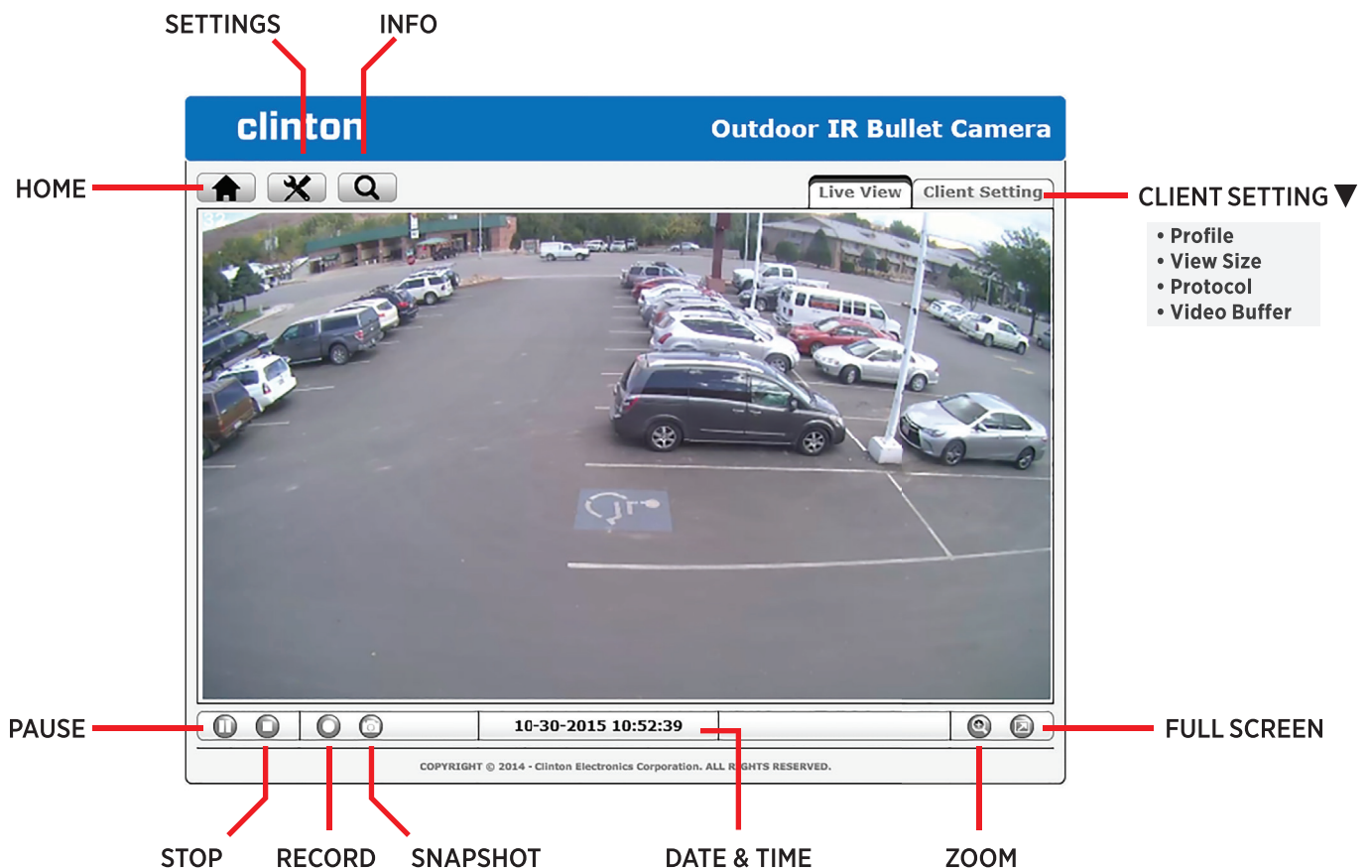
Close

IP Installer Software - Windows PC

4 **ActiveX:** When accessing the IP Camera for the first time, a yellow information bar appears below the address bar: This website wants to install the following add-on: 'AxvideoView.cab' and/or 'AxPlayer.cab' from 'Clinton Electronics'. Click *Install*.

This website wants to install the following add-on: 'AxPlayer.cab' from 'Clinton Electronics Corporation'.   What's the risk?   [Install]   ×
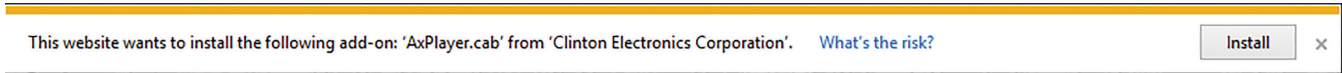
5 **Pop-Up:** Depending on Privacy settings, an information bar may appear alerting you about blocking a pop-up. Choose to always allow for the IP camera address.

Internet Explorer blocked a pop-up from **10.1.3.122**.   [Allow once]   [Options for this site ▼]   ×

6 **Live View:** After successfully logging into the camera, the live image from the camera displays in the center of the screen.

SETTINGS   INFO

clinton   Outdoor IR Bullet Camera

HOME   🏠 ✖ 🔍   Live View | Client Setting   CLIENT SETTING ▼
• Profile
• View Size
• Protocol
• Video Buffer

PAUSE   ⏸ ⏹ ◯ ▣   10-30-2015 10:52:39   ◉ ▣   FULL SCREEN
COPYRIGHT © 2014 - Clinton Electronics Corporation. ALL RIGHTS RESERVED.

STOP   RECORD   SNAPSHOT   DATE & TIME   ZOOM

Note:
Google Chrome, Safari & Firefox do not support recorded video playback. Some options/controls may also be limited to these browsers.
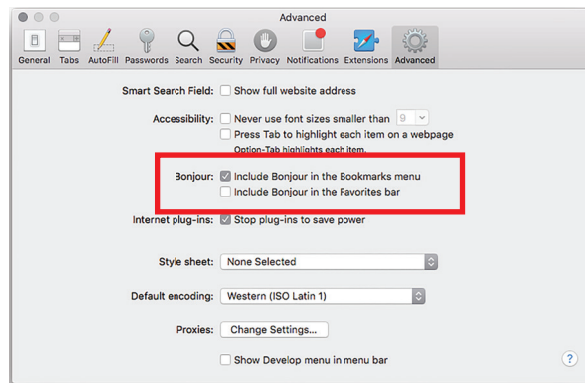
Web Viewer - MAC OSX + Safari

1 **Open the SAFARI browser**. For Web Viewer to properly function, Bonjour must be configured. The Bonjuor function does not work on Google Chrome or Firefox.
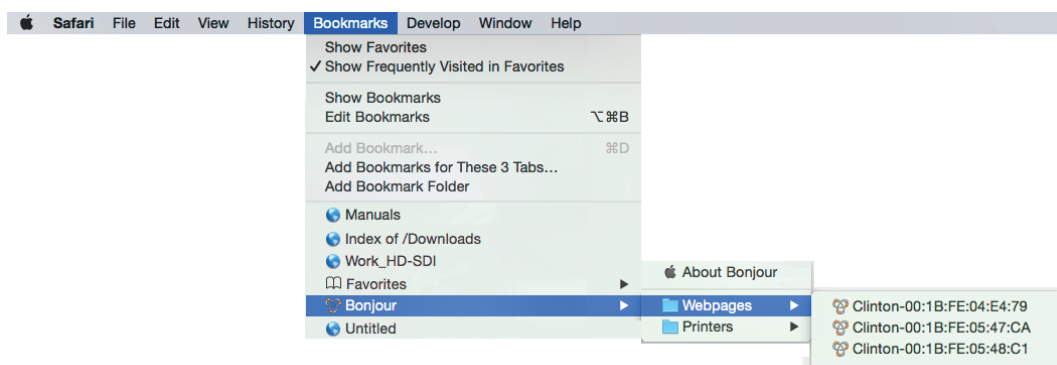
2 **Go to Preferences**. (click on Safari in the menu bar).
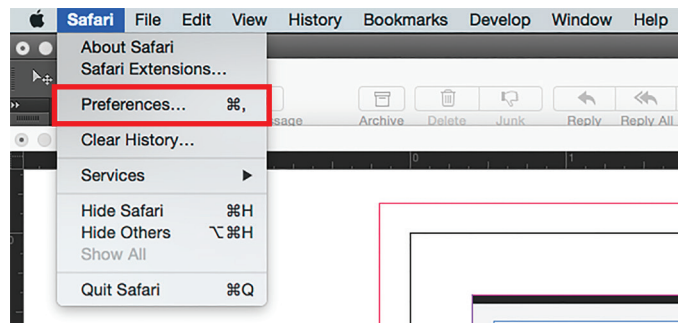
3 **Enable BONJOUR**. Click the Advanced tab (gear icon). Click the check box to I*nclude Bonjour in the Bookmarks menu*.
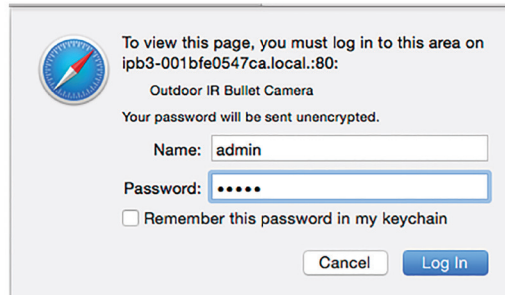

4 **Go to Bookmarks**. Scroll down to the Bonjour bookmark, then click on the IP camera you wish to connect to.

Web Viewer - MAC OSX + Safari

5 **Enter Name & Password**. Login to the selected camera when prompted (Default is admin / admin)
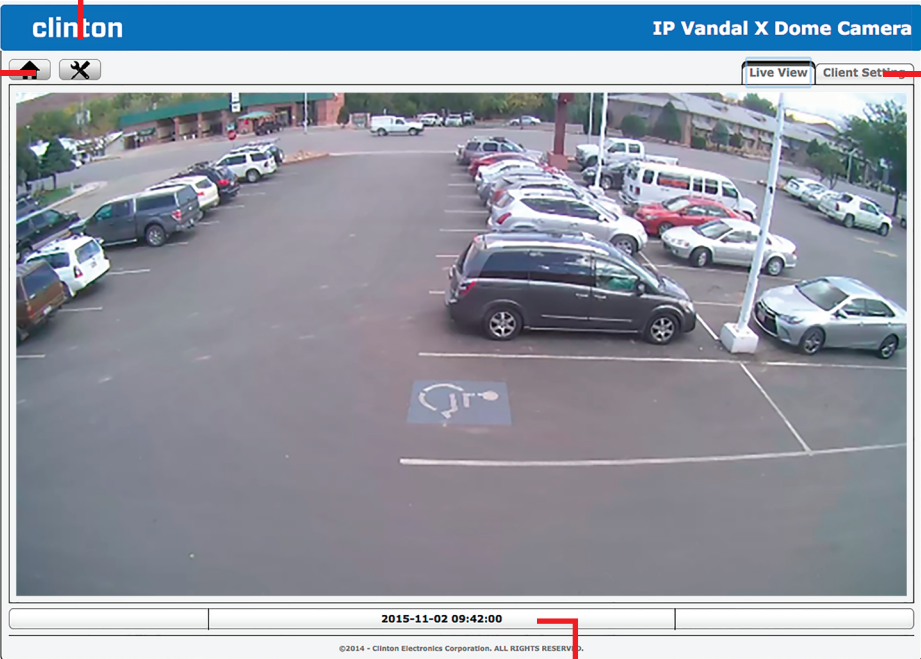
6 **Live View:** After successfully logging in to the camera the live image from the camera displays in the center of the screen. Options are limited on the MAC (Safari) web viewer compared to PC (Internet Explorer).

SETTINGS

HOME

IP Vandal X Dome Camera

clinton

Live View | Client Setting

CLIENT SETTING ▼

• Profile
• Format
• View Size

2015-11-02 09:42:00

©2014 - Clinton Electronics Corporation. ALL RIGHTS RESERVED.

DATE & TIME

clintonelectronics

CE-IPVX4 Quick Installation Guide

Clinton Electronics
6701 Clinton Road
Loves Park, IL 61111

Technical Support:
1-800-549-6393
Monday~Friday 8am~5pm (Central Standard Time)