1. General Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model No.</td>
<td>C6012-RW</td>
</tr>
<tr>
<td>Image Sensor</td>
<td>Sony 1/2.8” CMOS</td>
</tr>
<tr>
<td>IP Rating</td>
<td>N/A (Indoor)</td>
</tr>
<tr>
<td>Wide Dynamic Range</td>
<td>Spectrum Vision True WDR</td>
</tr>
<tr>
<td>Minimum Illumination @ 50 IRE Color</td>
<td>4.0 Lux @ F 1.6</td>
</tr>
<tr>
<td></td>
<td>B / W: 0.8 Lux @ F 1.6</td>
</tr>
<tr>
<td></td>
<td>0 Lux w / R LED ON</td>
</tr>
<tr>
<td>Minimum Illumination @ 30 IRE Color</td>
<td>2.4 Lux @ F 1.6</td>
</tr>
<tr>
<td></td>
<td>B / W: 0.8 Lux @ F 1.6</td>
</tr>
<tr>
<td></td>
<td>0 Lux w / R LED ON</td>
</tr>
<tr>
<td>Day / Night</td>
<td>True Day / Night</td>
</tr>
<tr>
<td>Resolution</td>
<td>1080p (2 MP)</td>
</tr>
<tr>
<td>Focal Length</td>
<td>4 mm (86° FoV)</td>
</tr>
<tr>
<td>Iris Control</td>
<td>F 2.0 Fixed</td>
</tr>
<tr>
<td>White Balance</td>
<td>Auto, Manual, Preset</td>
</tr>
<tr>
<td>Auto White Balance Range</td>
<td>2000K ~ 11000K</td>
</tr>
<tr>
<td>Backlight Compensation</td>
<td>Yes</td>
</tr>
<tr>
<td>Auto Gain Control</td>
<td>Yes</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-14°F ~ 122°F ( 5°C ~ 50°C)</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>5W Max</td>
</tr>
<tr>
<td>Rated Amperage</td>
<td>0.41A</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>Power over Ethernet / 12vDC</td>
</tr>
<tr>
<td>Weight</td>
<td>0.5 lb (221 g)</td>
</tr>
<tr>
<td>Dimensions (W x H)</td>
<td>3.56” x 4.5” (90.5 mm x 114 mm)</td>
</tr>
<tr>
<td>Housing / Dome Cover</td>
<td>White / Clear</td>
</tr>
</tbody>
</table>

2. Products and Accessories

- Dome Cover
- Audio, Alarm Cable
- Power Cable
- Screw & Plastic Anchor - 2pcs
- Deco Rings (white & black)
- Template Sheet
- Quick Start Guide
- Deco Rings
- Dome Cover
- A - Lens
- B - Tilt Stopper Screw
- C - Magnetic Plate
- D - Body
- E - Flush Mounting Bracket

3. Product Overview

To access the restart button, detach the body from the flush mount bracket.
1. Turn the body counter-clockwise and pull.

4. Before Installation

Before installing your camera, read the following precautions:
1. Determine if the site of installation can bear a minimum of five times the camera weight.
2. Ensure that all cable runs are secure and meet local fire codes.
3. When installing your camera, be sure the installation site is clear of unnecessary personnel and debris.

Reset to Factory Default:
Press the Reset button for 5 seconds to return the setup to the factory default.
Warning:
If you press the Reset button, you will lose all settings.

Save this document for future use.
5. Installation Using Tension Hooks

1. Connect the cables to the camera. See ‘6. Cabling.’
2. After inserting the body into the flush mount bracket, turn the body clockwise to secure the body in the flush mount bracket.
4. Using the template sheet provided, make a hole for the flush mount bracket in the ceiling.
5. Pull the cable through the hole in the ceiling and through the flush mount bracket.
6. Slide the upper dome onto the camera and the magnets will connect to the flush mount bracket, securing the upper dome.
7. Using a screwdriver, push the tension hook upward, then to the side. This will create tension against the flush mount bracket to hold it in place.

6. Cabling

This camera is compatible with 12vDC and Power over Ethernet (PoE). Connect power to the camera using the provided power connector lead or connect the camera to a PoE power source. If you are connecting 12vDC power, verify the polarity of the power connection. If you are using PoE, make sure the Power Sourcing Equipment (PSE) is in use in the network.

PoE Power Source: PoE allows for the transmission of power and data via a single Ethernet cable. PoE eliminates the need for multiple cables to support power and recording. Follow the installation below to connect the camera to a PoE-enabled switch using an Ethernet cable.

12vDC Power: If PoE is not being used, a power adapter is needed for power transmission. Follow the instructions below to connect the camera without a PoE cable.

To enable installation of ActiveX controls on Internet Explorer:
1. From the Tools menu, click Internet Options.
2. Click the Security tab and then click the Internet icon.
3. Click Custom Level and ensure that all ActiveX controls and plug-ins are set to Enable or Prompt.
4. To add the camera to your trusted sites:
   1. From the Tools menu, click Internet Options.
   2. Click the Security tab and then click Trusted Sites icon.
   3. Click Sites.
   4. Type the IP Address of the camera. Ensure that the Require server verification check box is cleared.

7. Connecting to the IP Camera

To access the camera setup menu, you need to install the AvertX Network Camera Manager on your PC or recorder. To install the AvertX Network Camera Manager application on your PC, download the program from AvertX.com/downloads, and follow the prompts.

1. Open Network Camera Manager, and click Find Devices.
2. Locate your camera on the Network Camera Manager list.
3. To open the viewer software in your web browser, double-click the camera, and then click Browse.

The first time you connect to the camera you will automatically be prompted to install the ActiveX control. If your internet browser doesn’t install the viewer software, check the security settings or ActiveX controls and plug-in settings. If your internet browser asks for permission to install the ActiveX control, you must allow the ActiveX control to continue the installation.

8. Assigning an IP Address

AvertX IP cameras are set to get an IP address automatically using DHCP. If a DHCP server like a router is not part of your network, all cameras will have the default IP address 192.168.0.250. AvertX recommends changing the IP address even if a DHCP server has assigned the camera an address.

To change the IP address:
1. Open Network Camera Manager and click the ‘Trusted Sites’ button.
2. Click the ‘Sites’ button.
3. Type the IP address of the camera. Ensure that the ‘Require server verification’ check box is cleared.

For additional information on adjusting the settings of your internet browser, contact your system administrator or refer to the FAQs at AvertX.net.

Default Username and Password

The username and password are case sensitive. It is strongly recommended that the password be changed after the initial setup to prevent unauthorized access.

Username - admin
Password - 1234