# 1. General Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>C7012-RW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image Sensor</td>
<td>Sony 1/2.8&quot; CMOS</td>
</tr>
<tr>
<td>IP Rating</td>
<td>PMK (Outdoor)</td>
</tr>
<tr>
<td>Weather Rating</td>
<td>IP66 (Outdoor)</td>
</tr>
</tbody>
</table>
| Minimum Illumination @ 50 IRE | Color: 0.5 Lux @ F2.0, 50 IRE  
                              | B/W: 0.8 Lux @ F1.6, 50 IRE  |
| Minimum Illumination @ 50 IRE | Color: 2.4 Lux @ F2.0, 50 IRE  
                              | B/W: 0.8 Lux @ F1.6, 50 IRE  |
| Size / Night | True Day / Night (IR Cut Filter) |
| Resolution   | 1080p (2 MP) |
| Focal Length | 4 mm (86°) |
| Iris Control  | F 2.0 |
| Video Output | H.264 / MJPEG |
| White Balance | Auto, Manual, Preset |
| Auto White Balance Range | 5000K - 10000K |
| Backlight Compensation | Yes |
| Auto Gain Control | Yes |
| Operating Temperature | 14°F - 122°F (-10°C - 50°C) |
| Power Consumption | 5.5W Max |
| Input Voltage  | PoE / 12vDC |
| Weight        | 1.0 lb (453.6 g) |
| Dimensions    | (H x W) 74.3mm x 125mm |
| Housing / Dome Cover | White / Clear |

## 2. Products and Accessories

- Tors Wrench
- Screw & Plastic Anchor - 3 pcs
- Mount Bolt & Nut - 2 pcs
- Quick Start Guide
- Template Sheet for Installing by Bolt & Nut
- Template Sheet for Installing by Plate
- 12vDC Cable
- Ethernet Cable
- Mount Plate
- Lens
- Tilt Stopper Screw
- Screw Mount Holes

## 3. Product Overview

- Outdoor Fixed IP Dome Camera
- Model No: C7012-RW

## 4. Before Installation

Disassemble the camera:
1. Using the Tors wrench, remove the screws from the camera dome cover.
2. Lift the dome cover off of the camera base.

### 5. Lens Orientation

Adjusting the camera position:
1. Twist the camera base to the desired position.
2. Tilt the camera to the desired position; then tighten the Tilt Stopper Screw to hold the camera in position.
6. Installation Using Screws

Disassemble the camera. See ‘4. Before Installation.’

Using the template sheet provided for installation, make a hole in the ceiling for the cabling.

Pull the cables through the hole in the ceiling and connect to the camera cables.

Screw the camera base into the ceiling through the screw mounting holes. Before tightening the screws, seat with silicone caulking to ensure water resistance.

Affix the dome cover to the camera base and remove the protective film from the dome.

7. Installation Using Mount Bolt & Nut or Mount Plate

Note: Before tightening screws, prep the screw holes with silicone caulking to ensure water resistance.

Using screws, attach the mount plate to the ceiling.

Attach the camera base to the mount plate by pressing the base into the plate with the bezels and plate hooks aligned until a ‘snap’ is heard and the camera is secure.

Ensure mounting screw holes are sealed properly to ensure water resistance.

8. MicroSD & Reset

MicroSD Card: a microSD card can be used for emergency backup. Insert the card as shown. The camera is compatible with up to a 16GB microSD card.

Reset Button: the reset button will return the camera to default factory settings. Press and hold the reset button for 5 seconds to return the camera to factory default settings.

9. 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.

10. Connecting to the IP Camera

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

11. 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.

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