

# Professional 700 TVL Low Light Dome with Wide Dynamic Range and Digital Noise Reduction for Superior Image Quality (Model: XPD700W-2)



The XPD700W-2, Wide Dynamic Range camera uses the latest Sony Ultra High Resolution CCD sensor and Xvision X7, ARM based DSP.

This professional CCTV camera is designed for indoor use and has excellent colour balance and a high resolution of 700 TVL, resulting in natural colours and super sharp images.

It features a powerful ARM based DSP, which processes the image in real time and improves it by using Digital Noise Reduction and Wide Dynamic Range to produce an even image, that does not suffer from bright or dark spots. Further enhancing the picture is a megapixel auto iris lens, which is fully adjustable, allowing you to select the perfect viewing angle for your application.



Camera - Front



Camera - Side



Camera - Rear



Camera - Connections

# Specifications

Model: XPD700W-2

Image



## Type

|                   |  |
|-------------------|--|
| Style             | Professional Dome Camera                 |
| Weather Resistant | No                                       |
| Vandal Resistant  | No                                       |
| Mounting Type     | Wall or Ceiling                          |
| Dimensions:       | Width: 127mm, Height: 95mm, Depth: 127mm |
| Weight            | 0.24 Kg                                  |
| Warranty          | 1 Year (Extendable to 3 years)           |

## Image Sensor/DSP

|               |   |
|---------------|---|
| Sensor Type   | Sony 1/3" Ultra High Resolution CCD   |
| DSP Type      | Xvision X7 DSP  |
| DSP Functions | Automatic Electronic Iris<br>Automatic White Balance<br>Automatic Gain Control<br>Dynamic Night View<br>Digital Noise Reduction<br>Wide Dynamic Range<br>Zero Colour Rolling<br>Backlight Compensation<br>Privacy |

## Performance

|                      |                                       |
|----------------------|---------------------------------------|
| Resolution           | 700 TVL                               |
| Minimum Illumination | 0.0003 Lux                            |
| Night Vision         | Dynamic Night View (optional IR lamp) |

## Lens

|                |                                  |
|----------------|----------------------------------|
| Type           | Varifocal Auto Iris IR Optimised |
| Size           | 2.8 to 12.0mm                    |
| Viewing Angle: | 23 to 92°                        |

## Power Requirements

|                         |              |
|-------------------------|--------------|
| Operating Voltage:      | 12V DC 120mA |
| Suggested Power Supply: | 12V DC 300mA |

## Connections

|               |                                    |
|---------------|------------------------------------|
| Video Output: | BNC Socket                         |
| Audio Output: | Yes (Optional Microphone Required) |
| Power Input:  | DC Socket                          |

## Other