

# Standard 2MP Resolution Dome Camera

## Features That Make a Difference:

- 2 Megapixel 1/3" CMOS Sensor in High Resolution
- H.264/MJPEG Dual Codec & Streaming simultaneously
- Vari-Focal Lens 3mm-10mm F1.4
- UXGA (1600x1200@15fps) / WXGA (1280x720@30fps)
- 2 Way Audio support
- Micro SD Card support (SDHC up to 32GB)
- IP68 Water and Vandal Proof
- PoE Power Over Ethernet IEEE802.3af
- ONVIF compatible



The Illustra Standard 2MP Dome Camera is a High Performance Network Camera with a rich feature set that makes it ideal for applications that require high definition images.

This camera by American Dynamics delivers exceptional performance in extremely low light conditions. The advanced 3-D noise reduction feature delivers clear, high quality images. A vari-focal lens of 3mm-10mm F1.4 is inbuilt to cover a wide view area.



## Specifications

| Operational                     |                                                                                                                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Compression               | H.264 BP, MJPEG dual codec, dual streaming                                                                                                                                            |
| Max Frame Rate                  | 1280x720/30FPS + 640x352/30FPS<br>H.264: 1600x1200,<br>640x480/320x240/160x128<br>1280x720, 640x352/320x176/192x112<br>MJPEG: 1600x1200, 640x480/320x240<br>1280x720, 640x352/320x176 |
| Number of Effective Pixel (HxV) | 1600 x1200                                                                                                                                                                            |
| Imager                          | 2 Megapixel 1/3" CMOS sensor                                                                                                                                                          |
| Audio                           | 2-Way Audio: 1x Audio Microphone-in ,<br>1x Audio Line-out<br>Compression: AMR, G.711 @ 64Kbps,<br>G.726 @ 32Kbps/ Configure bit rate                                                 |
| Alarm Input / Output            | 1x Alarm-in (2pin), 1x Alarm-out (3pin)                                                                                                                                               |
| Video Streams                   | Dual streaming                                                                                                                                                                        |
| Minimum Illumination            | C/L model (slow shutterx16)<br>AGC low 0.04 Lux<br>AGC min 0.03 Lux<br>AGC high 0.02 Lux (At 50 IRE F1.4 Lens)                                                                        |
| Dynamic Range                   | 71dB                                                                                                                                                                                  |
| Horizontal Resolution           | C/L 1007 TVL                                                                                                                                                                          |
| Scan Method                     | Progressive                                                                                                                                                                           |
| Lens                            | Vari-Focal Lens 3mm-10mm F1.4                                                                                                                                                         |
| SNR(max)                        | ≥ 50dB                                                                                                                                                                                |
| White Balance                   | Auto                                                                                                                                                                                  |
| Gain Control                    | High/Middle/Low, 3 step selection                                                                                                                                                     |
| DNR                             | Yes                                                                                                                                                                                   |
| Flicker Control                 | Off/50 Hz/60 Hz, 3 step selection                                                                                                                                                     |
| Electronic Shutter              | Auto/Slow Shutter<br>(2X~16X / 5 step selection)                                                                                                                                      |
| BLC(Back Light Compensation)    | On/Off                                                                                                                                                                                |

| Bit Rate Control         | Both CBR and VBR, 32Kbps ~ 6Mbps                                                                                  |
|--------------------------|-------------------------------------------------------------------------------------------------------------------|
| Digital Zoom (PC side)   | Yes, 1/2X, 2X, 4X                                                                                                 |
| Image Rotation           | Mirror, Flip, Rotate 180°                                                                                         |
| Panning Coverage         | -174° ~ 174°                                                                                                      |
| Tilting Coverage         | 25° ~ 90°                                                                                                         |
| Network                  |                                                                                                                   |
| Interface                | Ethernet                                                                                                          |
| Ethernet Port            | RJ-45                                                                                                             |
| Streaming Protocols      | RTSP/RTP/UDP, RTSP/RTP/TCP, RTSP/<br>RTP/HTTP tunnelling, LAN Multicast,<br>Multipart-JPEG                        |
| Supported Protocols      | IPv4, HTTP, UDP, TCP, ICMP, IGMP, ARP,<br>DHCP, NTP, SMTP, FTP, SAMBA, UPnP,<br>PPPoE, DNS, DDNS, RTSP, RTP, RTCP |
| Configuration Management |                                                                                                                   |
| Web Browser              | Internet Explorer 6.0 or above                                                                                    |
| OS Supported             | Microsoft Windows 2000, XP, Vista,<br>Windows 7                                                                   |
| Onboard Storage          |                                                                                                                   |
| Card Support             | Micro SDHC up to 32GB                                                                                             |
| Electrical               |                                                                                                                   |
| Power Input              | DC12V/ POE, DC12V/AC24V (Option)                                                                                  |
| Power Draw               | 3.6W                                                                                                              |
| Physical                 |                                                                                                                   |
| Dimensions               | 144.3mm(ø)x115mm(H)                                                                                               |
| Weight                   | 887g                                                                                                              |
| Operating Temperature    | -20°C ~ 50°C                                                                                                      |
| Storage Temperature      | -30°C ~ 60°C                                                                                                      |
| Humidity                 | 0% ~ 95% non-condensing                                                                                           |

## Ordering Information

| Illustra Standard Model No. | Description      |
|-----------------------------|------------------|
| ISS02D20CWSY                | 2 MP Dome camera |

## Related Products



VideoEdge



victor



exacqVision

## Approvals



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