

# Standard D1 Resolution Dome Camera



## Features That Make a Difference:

- Sony Super HAD II CCD Sensor + Effio DSP
- H.264/MJPEG Dual Codec and Streaming simultaneously
- NTSC (704x480@30fps) / PAL(704x576@25fps)
- Vari-Focal Lens 3mm-10mm F1.4
- 3-Axis Mechanical Design for Ceiling Installation
- Digital I/O for External Sensor and Alarm
- Mechanical ICR
- Digital Powerful WDR
- Anti-Headlight (HLC)
- 3D De-Interlace, 3D Noise Reduction
- 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 D1 Resolution Dome Camera is ideal for applications that require a vandal proof, standard resolution dome camera capable of operating in indoor and harsh outdoor environments .

A Sony Super HAD II CCD sensor delivers high quality pictures even in low light conditions, while the H.264 compression technology gives you the ideal blend of image quality and bandwidth friendly performance.

The advanced 3-D noise reduction feature helps deliver clearer, high quality images. Anti-headlight and WDR features make this dome camera by American Dynamics very useful in indoor and outdoor environments. It is IP68 rated and perfectly adapted for flawless and reliable performance in difficult outdoor weather conditions.



## Specifications

Operational	
Video Compression	H.264 BP, MJPEG dual codec, dual streaming
Max Frame Rate	NTSC 720x480@30fps / PAL 720x576@25fps H.264 : D1 (720x480/NTSC, 720x576/PAL) to QCIF (176x120/NTSC, 176x144/PAL) MJPEG: D1 (720x480/NTSC, 720x576/PAL) to QCIF (176x120/NTSC, 176x144/PAL)
Video Output	1x Composite output (BNC)
Number of Effective Pixel (HxV)	752x582
Imager	1/3" Sony Super HAD CCD II
Day/Night	IR-Cut Filter Removable (ICR)
Audio	2-Way Audio: 1x Audio Microphone-in (3.5mm jack), 1x Audio Line-out (3.5mm jack) Compression: AMR, G.711 @ 64Kbps, G.726 @ 32Kbps/ Configure bit rate
Alarm Input / Output	1x Alarm-in (2pin), 1x Alarm-out (3pin)
Video Streams	Dual streaming
Minimum Illumination	(a) F1.2, 50 IRE, Shutter Speed 1/50; Day Mode : 0.5 Lux, Night Mode (B/W) : 0.01 Lux (b) F1.0, 30 IRE, Shutter Speed 1/50; Day Mode : 0.1 Lux, Night Mode (B/W) : 0.05 Lux
Wide Dynamic Range	Digital
Horizontal Resolution	Color 520TVL, B/W 520TVL
ADC Resolution	12bit
Scan Method	Interlace
Lens	Vari-Focal Lens 3mm-10mm F1.4
SNR(max)	≥ 50dB
White Balance	Auto (2500~9500)
Gain Control	High/Middle/Low, 3 step selection
DNR	Yes
Flicker Control	On/Off
Electronic Shutter	1sec to 1/1,00,000 sec

HLC(High Light Compensation)	On/Off
BLC(Back Light Compensation)	On/Off
Bit Rate Control	Both CBR and VBR, 32Kbps ~ 6Mbps
Multi-streams	Maximum triple video streams: for recording and preview
Digital Zoom (PC side)	Yes, 1/2X, 1X, 2X, 4X
Image Rotation	Mirror, Flip, Rotate 180°
Network	
Interface	Ethernet
Ethernet Port	RJ-45
Streaming Protocols	RTSP/RTP/UDP, RTSP/RTP/TCP, RTSP/RTP/HTTP, tunnelling, LAN Multicast, Multipart-JPEG
Supported Protocols	IPv4, HTTP, UDP, TCP, ICMP, IGMP, ARP, DHCP, NTP, SMTP, FTP, SAMBA, UPnP, PPPoE, DNS, DDNS, RTSP, RTP, RTCP, Telnet, IP, IGMP V2/V3, ICMP, SNMP
Configuration Management	
Web Browser	Internet Explorer 6.0 or above
OS Supported	Microsoft Windows 2000, XP, Vista, Windows 7
Onboard Storage	
Card Support	Micro SDHC up to 32GB
Electrical	
Power Input	DC12V/ POE
Power Draw	3.6W
Physical	
Dimensions	144.3mm(ø)x 115mm(H)
Weight	887g
Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 60°C
Humidity	0% to 90% non-condensing

## Ordering Information

Illustra Standard Model No.	Description
ISS00D20CWSY	D1 Resolution Dome camera

## Related Products



VideoEdge



victor



exacqVision

## Approvals



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