

# Standard D1 Resolution Speed Dome Camera



## Features That Make a Difference:

- D1 (720x576@25fps/720x480@30fps)  
CIF (352x288@25fps, 352x240@30fps)  
QCIF (176x144@25fps, 176x120@30fps)
- High Resolution of 600TVL
- 23X~367 in Optical Zoom (WDR)
- Mechanical ICR
- Pan 0.01°~180°/S, Tilt -10°~90°/S, Preset 500°/S
- Pan Tilt accuracy  $\pm 0.05^\circ$
- Intelligent Video Analytics
- IP66 Weather Proof + IK10 Vandal Proof
- ONVIF-compatible

The Illustra Standard IP Speed Dome camera featuring 37X optical zoom with 16X digital zoom is designed especially for applications that require zooming in on the object over distances for clear and detailed images.

A Sony Super HAD II CCD sensor in the camera delivers high quality 600TVL pictures; even in low light conditions. Powerful features such as Wide Dynamic Range (WDR), Mechanical ICR and Day/Night enhance image quality.

This camera by American Dynamics supports Dual Streaming with H.264 and MJPEG simultaneously. H.264 compression technology gives the ideal blend of image quality and bandwidth friendly performance.

The camera is IP66 rated and perfectly adapted for flawless and reliable performance in indoor / outdoor installations.



## Specifications

Operational	
Optical Zoom	37X
Digital Zoom	16X
Video Compression	H.264, MJPEG, 3GPP
Max Frame Rate	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)
Resolution	NTSC (720x480@30fps) / PAL (720x576@25fps)
Number of Effective Pixel (HxV)	NTSC (768x494) / PAL(752x582)
Imager	1/4" Sony Super HAD CCD
Day/Night	IR-Cut Filter Removable (ICR)
Privacy mask	Yes
Motion Detection	Yes
OSD	Yes
3D Positioning	Yes
Audio	1x
Audio Compression	G.711/ADPCM
Alarm Input/Output	1x Alarm-in (2pin), 1x Alarm-out (3pin) 2x Alarm-in (2pin), 2x Alarm-out (3pin) (optional)
Video Streams	Dual streaming
Minimum Illumination	(a) Day Mode:1.0 Lux, Night Mode (B/W): 0.01 Lux (b) F1.2, 50 IRE, Shutter Speed 1/50 Day Mode : 0.1 Lux, Night Mode (B/W) : 0.01 Lux
Scan Method	Progressive
SNR(max)	≥ 50dB
Electronic Shutter	1sec to 1/10,000 sec
Bitrate control	Both CBR and VBR, 32bps ~ 6Mbps
Multi-streams	Maximum triple video streams: for recording, preview, and 3GPP
Preset tilting	16

Number of Preset Positions	220
Preset Position Speed (Max.)	0°~500° under 1second
Preset Accuracy	±0.05°
Pan / Tilt Angle	360°/100°
Manual Speed	0.01°~300°
Preset Points and Sequence	8 groups, 220 programmable preset points
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
Application Software	VMS Application Software
OS Supported	Microsoft Windows 2000, XP, Vista, Windows 7
Electrical	
Power Input	AC24V±10%
Power Draw	50W
Heater	Automatic
Physical	
Dimensions	364mm(W) x 350mm(H), 224mm(ø)
Operating Temperature	0°C~ +50°C (Indoor), -35°C~ +60°C (Outdoor)
Humidity	0% ~ 95% non-condensing

## Ordering Information

Illustra Standard Model No.	Description
ISS00P7OCWSY	D1 Resolution PTZ camera

## Related Products



VideoEdge



victor



exacqVision

## Approvals



[www.tycosp-apac.com](http://www.tycosp-apac.com)