



From Tyco Security Products

DSCi150-S023

Speed Dome Network Camera



The DSCi150-S023 is an IP Speed Dome camera featuring 23X optical zoom with 16X digital zoom.

Powerful features such as Wide Dynamic Range (WDR) and Mechanical ICR enhance image quality.

The camera 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 IP67 rated and perfectly adapted for flawless and reliable performance in indoor / outdoor installations.

Features That Make a Difference

H.264 / D1 Real Time / 23X

- H.264/MJPEG Dual Codec & Streaming simultaneously
- D1(704x480@NTSC/30fps)
- High Resolution of 560TVL(23X)
- 23X in Optical Zoom (Optional with WDR)
- Mechanical ICR
- Pan 0.1°~180°/S, Tilt 0.1°~90°/S, Preset 450°/S
Pan Tilt accuracy $\pm 0.1^\circ$
- Intelligent Video Analytics
- IP67 Weather Proof

Speed Dome Network Camera

Specification

DSCi150-S023

Camera

Sensor	1/4" Interline Transfer CCD
Scan Method	Interlace
Lens	23X optical zoom lens f=3.5 to 80.9mm F1.6~F2.4
Zoom Ratio	23X in Optical Zoom, 16X in Digital Zoom
Minimum Illumination	C/L: 0.2Lux/F1.6(50 IRE), B/W: 0.02Lux/F1.6(50 IRE)
Horizontal Resolution	Color : 560TVL, B/W : 680TVL
Wide Dynamic Range	SSDR
Backlight Compensation	Off/BLC/HLC
Electronic Shutter	1/50~1/120000
DIS	Yes
Number of Effective Pixel (H*V)	NTSC (768x494) / PAL (752x582)
SNR(max.)	50db
DNR	High/Middle/Low, 3 steps selection
White Balance	Auto/Indoor/Outdoor/Manual
Gain Control	High/Middle/Low, 3 steps selection
Flicker Control	Off/50 Hz/60 Hz, 3 steps selection
Panning Coverage	0°~ 360°
Tilting Coverage	-10°~ 90°
Panning/Tilt Speed	Manual: Panning Speed Approx. 0.2°/s~196.8°/s, Tilt Speed Approx. 0.2°/s ~ 98°/s, preset: up to approx. 450°/s
Number of Preset Positions	64
IRIS Control	Auto/Manual
Exposure Compensation	Auto
Slow Shutter	Auto/Off
Noise Reduction	Yes
Day and Night	IR-Cut Filter Removable (ICR)

Video

Video Compression	H.264 (MPEG-4Part 10/AVC)/MJPEG, Dual codec
Video Framerate	D1@30fps
Resolution	H.264: D1(704x480@NTSC/30fps, 704x576 @PAL/25fps) CIF(352x240@NTSC/30fps, 352x288@PAL/25fps) QCIF (176x120@NTSC/ 30fps, 176x144@PAL/25fps) MJPEG: D1(704x480@NTSC/30fps, 704x576@ PAL/25fps) CIF(352x240@NTSC/30fps, 352x288@PAL/25fps) QCIF (176x120@NTSC /30fps, 176x144@PAL/25fps)
Bit Rate Control	CBR and VBR, 128kbps ~ 4Mbps
Multi-streams	Triple streaming, Multiple profiles 1xD1, 1xCIF and 1xQCIF
Digital Zoom (PC Side)	1/4X, 1/3X, 1/2X, 1X, 2X, 4X
Image Rotation	Mirror, Flip, Rotate 180°

Intelligent Video

Privacy mask/Motion detection/Blind Detection/OSD

Audio

2 Way Audio Compression	Audio Line-in, Audio Line-out AMR, G.711 @ 64kbps, G.726 @ 32kbps/ Configure bit rate
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Network

Streaming Protocols	RTSP/RTP/UDP, RTSP/RTP/TCP, RTSP/RTP/HTTP tunneling, 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, ONVIF

Storage

External	1 x Micro SD Card
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Processors and Memory

CPU	ARM9 SOC
Flash and Memory	32MB NOR flash, 256MB DDRIII

I/O and Connectors

LAN	1x RJ45 Ethernet connector
Audio	1x Audio Line-in , 1x Audio Line-out
Alarm I/O	2x Alarm-in (2pin), 2x Alarm-out (3pin)

Software Compatibility

Browser	Internet Explorer 6.0 or above
Application Software	VMS Application Software
OS Supported	Microsoft Windows 2000, XP , Vista, Windows 7

Open API

CGI commands to control camera
Media SDK to handle streaming

Power

Power Input	AC24V/ POE (option)
Power Consumption	48W

Dimensions

243mm(φ) x 316.3mm(H)

Weight

3850g

Operating Environment

Operating Temperature	-40°C~ +55°C / -10°C~ +55°C (POE)
Storage Temperature	-10°C~ +50°C
Humidity	0% ~ 95% Non-condensing

Certification

CE, FCC Class A, RoHS, IP67, IK10, UL



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Product specifications and availability subject to change without notice. Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.
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