



# HAWK-IP201DS

## **Plug "N" Play**

**Enables the use of any Analog Camera to work as an IP Camera**

**It includes built in software that works on Internet Explorer**

**Can work with up to 10 users at one time.**

**Includes Surveillance software that supports 32CH recording**

**Supports MJPEG / MPEG4 video compression.**

**Supports advanced motion detection in 96 independent zones and at 5 sensitivity levels.**

**Supports one video input and one output.**

**Firmware update: HTTP / FTP / USB / SD card.**

**Comprehensive Plug & Play features.**

**The PnP IP address: supports UPnP protocol.**

**The PnP configuration: USB interface for basic network setup.**

**PnP recording: Available SD card(not included) for alarm and scheduled recording**

[www.hawkisecurity.com](http://www.hawkisecurity.com)

Hawk-I Security 355 Oser Ave, Hauppauge, N.Y. 11788 Ph: 631-656-1056 Fax: 631-656-1054

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## SPECIFICATIONS

Video input x 1	1.0Vp-p, 75 ohms (BNC unbalanced)
AGC Range:	0.5 ~ 2.0Vpp
Color sub-carrier lock range:	+/- 200H
Video output level	1.0Vpp +/-10%, 75 $\Omega$ , composite, negative (BNC unbalanced)
Video output frequency	-3dB +/-1dB at 3.58 MHz
Video output burst level	286mv (NTSC), 300mv(PAL) +/- 10 %
Compression resolution	FULL D1: 720 x 480(NTSC), 720 x 576(PAL)
HALF D1:	720 x 240(NTSC), 720 x 288(PAL)
CIF:	352 x 240(NTSC), 352 x 288(PAL)
Video Fine Tune	Contrast, Brightness, Hue, Saturation
Display Refresh Rate:	60 fps (NTSC), 50 fps (PAL)
Image compression	M-JPEG / MPEG4 (dual mode)
Audio input x 1	4.7k ohms, 2.6Vp-p, RCA
Audio output:	1k $\Omega$ , 2.6Vp-p, 100~2k Hz, RCA
Network Audio Stream	Available
Audio compression:	8 kHz sampling, $\mu$ -law
MJPEG Performance:	Up to 30(25) FPS
MJPEG Picture size:	4~64 KB
MJPEG Watermark:	Digital Signature
MPEG4 Quality	5 Levels and Customized bit-rate (from 64 Kbps to 8 Mbps)
MPEG4 Frame rate	30(25)/ 24/ 15/ 5 FPS
Network interface:	Ethernet (RJ-45, 10/100M) and MDIX supported
Network protocol:	TCP/IP, DHCP, HTTP, SNTP, DDNS, UPnP, PPPoE, FTP
IP Filter	7 policies to deny or allow
Remote Access software:	Microsoft Internet Explorer or Client software
Network throughput:	2.0 M Byte/Sec
Web server access:	10 simultaneous users
Serial port:	RS-485
USB:	USB Slave 1.1
USB Download rate:	< 1MBytes
Alarm In/Out	1 Alarm input /1 Alarm output
Alarm Notice:	GPIO output and SD, FTP, SMTP recording
Software Upgrade:	SD Card, USB, HTTP or FTP
Motion Detection	96 independent blocks with 5 levels sensitivities
Security	10 users with 3 level authorities
Time Stamp	Date/ Time/ Location
Power supply :	DC 12V, 200mA
Operation temperature:	32°F to 122°F
Operations humidity:	30% to 80 %
Dimensions:	4 1/4"(L) x 2 1/4" (W) x 1 1/4"(D)
Regulation:	CE, FCC, RoHS

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