



## HAWK-IP220CD

**Simple "Plug and Play" installation  
1/3" SONY CCD.**

**520 High-resolution Chip, 3.6 mm lens**

**Network surveillance.**

**Remote camera settings via network.**

**Hi-impact reinforced polycarbonate Armor Dome**

**Reinforced polycarbonate with special coating on surface.**

**Max. Load 1100lb without cracking**

**Ultra hard grade aluminum**

**MJPEG / MPEG4 video compression.**

**Flexible motion detection. (fine adjustments of settings such as sensitivity and areas)**

**Intelligent backlight compensation.**

**Mirror function.**

**Privacy masking. (up to 3 rectangular masks of arbitrary size can be set)**

**USB interface for basic network setup.**

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

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# HAWK-IP220CD

## SPECIFICATIONS

Video sensor	1/3" SONY CCD
System	NTSC
Horizontal resolution	520 TVLs (High-resolution)
Lens Board lens	3.6 mm
AWB	2500°K ~ 9000°K
AES	1/60 ~ 1/100000 sec
Pan/ Tilt/ Zoom Control	(Manual)Pan: 0~360° Tilting: 0~180°
Min. illumination	0.5 Lux @ F2.0
Compression	MJPEG / MPEG4
Resolution	D1/Half D1/CIF
Frame-rate	30 / 24 / 15, adjustable
Picture size (quality)	MJPEG: 4~64KB; MPEG4: 64Kbps~8Mbps
Configurations	Contrast, Brightness, BLC, Sharpness,
Mirror	Yes
Motion detection	Motion Detection (96 zones, 5 levels)
Time stamp	Time/Date/Title
Privacy Mask	3 masks per screen max
microphone	N/A
Interface	Ethernet (RJ-45 wired, 10/100 base-tx)
Protocols	TCP/IP, DHCP, HTTP, ICMP, UPnP, ARP, DNS, DDNS, PPPoE
Throughput	2.0M bytes/sec
Web browser	Microsoft IE 6.0 or above
PC software	Yes
Development tools	ActiveX / HTTP-API / SDK
Security	Multiple level / Multiple users / IP address filtering
Video output	1.0 Vpp, 75 ohm, composite, negative, BNC x 1
Alarm	I/O Red: ALM In, Green: ALM Reset, Black: GND, Yellow: ALM Out,
USB	1.1 slave for PnP Configuration and Up date
Reset	Factory Default
LED indicator	Network indicator
Power requirement	DC12V / 3.6W
Operating Temperature	32°F ~ 122°F
Dimensions	5 3/4" (D) x 3 2/5" (H), 1 lb
Approvals	FCC, CE, RoHS
Accessories	Power adapter x 1, USB wire x 1, Accessories package x 1, CD x 1 (PC software; User manual)

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