

OutDoor Camera(CMOS/CCD/CCD HAD i and ii/E-Effio)



High resolution CCTV camera with following features.

Prices may be varying on select camera technology and its features.

- 1/4" or 1/3" Sharp/Sony Color CCD Image Sensor (*CMOS, CCD I, CCD II, CCD HAD I, CCD HAD II, CCD Exview E-Effio*)
- 420/480/520/560/600/700/800/900 TVL(Horizontal Lines)
- Camera Lens 3.6mm,6mm,8mm,12mm,20mm,25mm (*small size lens for wide range and large lens for narrow view*)
- Signal: NTSC/PAL
- Iris: Auto
- Night Vision Min. Light: 0/0.01/0.001/0.0001/0.0005 Lux (*This is depended on number IR leds*)
- IR Irradiation Distance: 10m,20m,25-45m,60m (*This is depended on number IR leds*)

- Operation Temperature: -5F ~ 120F
- Indoor /Outdoor
- White Balance Auto
- Gain Control Auto
- Electronic Shutter 1/50 ~ 1/100,000 sec
- Backlight Compensation Auto
- Gamma Correction 0.45
- S/N Ratio >48dB
- Waterproof Standard IP66
- Infrared Wavelength 850 nm
- Color: Black/white/silver and mix colors(Silver and black)
- Mount: Ceiling or Wall
- Power: 12V 1A DC
- Video Connector: BNC can be converted
- Power Connector: RCA 12V DC
- Wired and wireless camera are available

PTZ Camera



The PTZ Dome Camera is economic cost, easy to install and almost adapt to all-weather monitoring. It is popular among customers because of its high quality and low cost. The speed of this product is constant, with 0-360 degrees horizontal rotation angle, 0 - 92 degrees vertical angle. It has decoding board inside, compatible with PELCO-P/D control protocol. These types of cameras are suitable for indoor and outdoor installation.

- Works with RS485 Pelco D/P protocol
- Metal body , 2 Megapixel
- Internal Protection, 3000V lighting-proof, surge voltage protective.
- Motorized zoom lens controlled by keyboard or DVR
- Easy to install, easy to use
- Built-in Auto focus, Auto Iris, Auto Bright Control, AWB, 5-15mm zoom lens

Specifications:

- Image Sensor: 1/3" Sony color CCD – *can be selected*
- Rotation Horizontal: 360° endless rotation

- Vertical: 0~92o with auto overturn
- Lens: 5-15mm (3x optical zoom)
- Min. Illumination: 0.01 Lux
- Effective Pixels: 768 (H) x 494(V) Pixels NTSC
- Preset Postions: 128 presets
- Remote Control: RS485 twisted cable
- Horizontal Resolution: 540 TV Lines
- Communication Rate: 1200/2400/4800/9600/bps
- Power: DC 12V/800mA
- Video Out: 1.0Vp-p, 75 Ohm, BNC
- Dimensions: 12.5 x 13 x 12cm/4.92 x 5.12 x 4.72"(L x W x H)
- Weight: 956g/33.72"
- Color: White/black and mix or white/black body with black/white glass

IP Camera



Camera Backside



There are two types of IP camera currently we are installing. The camera backside shows different configuration ports.

- Powerful high-speed video protocol processor.
- Optimized MJPEG video compression for transmission.
- Multi-level user's management and passwords definition.
- Embedded Web Server for users to visit by IE.
- Support wireless network (Wi-Fi/802.11/b/g)mobile,
- Two way audio.
- Supporting Dynamic IP (DDNS) and UPnP LAN.
- With automatic opened infrared rays, night vision distance can reach up to 10m.
- Giving alarm in cause of motion detection.
- Support multiple network protocols:
(HTTP/TCP/IP/UDP/STMP/DDNS/SNTP/DHCP/FTP.)
- Support remote system update, Multi-Protocol support and Transportation.
- Sending the image to your mailbox automatically when the IP CAM is triggered.

Specification:

Items	IP Camera	
Image Sensor	Image Sensor	1/5" Color CMOS Sensor
	Display Resolution	640 x 480 Pixels(300k Pixels)
	Lens	f: 3.6mm, F:2.4 (IR Lens)
	Mini. Illumination	0.5Lux
Lens	Lens Type	Glass Lens
	Viewing Angle	67Degree
Video	Image Compression	MJPEG
	Image Frame Rate	15fps(VGA),30fps(QVGA)
	Resolution	640 x 480(VGA), 320 x 240(QVGA)
	Flip Mirror Images	Vertical / Horizontal
	Light Frequency	50Hz, 60Hz or Outdoor

	Audio Function	Two-way Talk
	Video Parameters	Brightness, Contrast
Communication	Ethernet	One 10/100Mbps RJ-45
Supported Protocol	Supported Protocol	HTTP,FTP,TCP/IP,UDP, SMTP, DHCP, PPPoE, DDNS,UPnP, GPRS
	Wireless Standard	IEEE 802.11b/g
	Data Rate	802.11b: 11Mbps(Max.) 802.11g: 54Mbps(Max.)
	Wireless Security	64/128-bitWEP Encryption
Physical	Pan/Tilt Angle	Horizontal:270° & Vertical: 90°
	Infrared Light	10 IR LEDs, Night visibility up to 10 meters
	rm Input	1 Channel on/off input
	Alarm Output	1 Channel relay output
	Color	Black
	Item Size	10 * 12.3cm
	Item weight	246g
	Package size	21.6 * 16.7 * 12.4cm
	Package weight	611g
	Q'ty	10pcs/CTN
	CBM	0.068CBM/CTN
Power	Power Supply	DC 5V/2.0A
	Power Consumption	5 Watts (Max.)
Environment	Operate Temper	0° ~ 55°C (14°F ~ 122°F)
	Operating Humidity	20% ~ 85% non-condensing
	Storage Temper	-10°C ~ 60° (14°F ~ 140°F)
	Storage Humidity	0% ~ 90% non-condensing
PC	CPU	2.0GHZ or above (suggested 3.0GHz)

Requirements	Memory Size	256MB or above (suggested 1.0GHz)
	Display Card	64M or above
	Supported OS	Microsoft Windows 2000/XP/Vista/window7
	Browser	IE 5.0,IE 6.0, IE7.0, IE8.0, firefox2.0, firefox3.0 or other standard browsers