

# Megapixel IP CCD Camera

Get a new image concept

## Key Feature

- 2/3", 1/2", 1/1.8" wide image sensor size
- Progressive scan CCD (Global shutter)
- H.264, MPEG4, MJPEG streaming and encoding
- True Day/Night operation with ICR
- Wide Dynamic Range • Two-way Audio Support
- SD/SDHC Memory Card Local Storage
- Power of Ethernet (IEEE 802.3af Class 2)
- Trigger/Strobe mode with Real Size Still Image

Model	IMC-8150	IMC-8121	IMC-8120	IMC-8117
Camera				
Signal System	Progressive scan image processing			
Scanning System	5:4 Progressive	16:9 Progressive	4:3 Progressive	4:3 Progressive
Image Sensor	2/3" Sony CCD (ICX625 AL/AQ)	2/3" Kodak CCD (KAI-02150)	1/1.8" Sony CCD (ICX274 AL/AQ)	1/2" Sony CCD (ICX267AK)
Effective Pixels Number	5,054,448 pixels, 2456(H) x 2058(V)	2,195,200 pixels, 1960(H) x 1120(V)	2,012,208 pixels, 1628(H) x 1236(V)	1,447,680 pixels, 1392(H) x 1040(V)
Pixel Size	3.45µm x 3.45µm	5.5µm x 5.5µm	4.4µm x 4.4µm	4.65µm x 4.65µm
Video Output Level	Select NTSC/PAL 1.0Vp-p (BNC 75Ω, composite)			
Elec. Shutter	1/20,000 ~ 1/30sec (1/3 Step), Global shutter			
Lens Mount	C-Mount, C/CS-Mount	C Mount	C-Mount, C/CS-Mount	C-Mount, C/CS-Mount
Day & Night System	Day Night IR filter Changing System			Automatic/Manual change
Auto Function	WDR, White Balance, Exposure			
Control Function	Gamma, Brightness, Contrast, Sharpness, Hue, Saturation, BLC, Flickerless			
Video / Audio				
Compression	H.264 / MJPEG / MPEG-4			
Frame Rate	12fps, 6fps*	30fps, 15fps*	30fps, 15fps*	30fps, 15fps*
Resolution	2448x2050, 1920x1080, 1280x1024 1280x800, 1280x720, 704x576 704x480, 640x480, 352x288, 352x240 320x240, 176x144	1920x1080, 1280x1024, 1280x800 1280x720, 704x576, 704x480, 640x480 352x288, 352x240, 320x240, 176x144	1920x1080, 1280x1024, 1280x800 1280x720, 704x576, 704x480, 640x480 352x288, 352x240, 320x240, 176x144	1392x1040, 1280x1024, 1280x800 1280x720, 704x576 704x480, 640x480, 352x288 352x240, 320x240, 176x144
Audio	Two-way, AAC4			
Network				
Protocol	IPv4, HTTP, TCP, RTSP, RTP, RTCP, UDP, SMTP, FTP, ICMP, DHCP, UPnP, Bonjour, ARP, DNS, DynDNS, syslog			
LAN Interface	Ethernet 10/100 Base-T (RJ-45 Type)			
Support PoE	Standard IEEE 802.3af supported			
Security				
Access Level Setup	Multiple user access levels with password protection			
Network Security	IP Filtering			
Alarm and Event Management				
Image Detection	Motion Detection, External Trigger (input)*			
After Event Process	Syslog, SMTP, FTP			
Applications				
Browser	Internet Explorer 7.0 or higher			
Monitoring Application	CMS and Utility (IP-Configuration, etc)			
Misc				
Function	Text overlay, Privacy mask			
GPIO	Photo-Coupler Input 1 port, Output 2 port			
External Memory	SDHC memory support			
Maintenance]				
System Upgrade	Firmware upgrade over HTTP			
Mechanical				
Operating Temperature	-5°C ~ 45°C			
Power	External Power(12~24VDC), PoE (IEEE 802.3af)			
Dimensions/Weight(Net)	71(W) x 53(H) x 118(D)mm, Approx. 440g		71(W) x 53(H) x 113.2(D)mm, Approx. 440g	

\* For external trigger model only