



MPEG-4, Real-time Network Streaming IP Camera

IPKIT-5100



* The lens is not included.

- VideoSm@rt Software and One IP Camera License
- 1/3" color CCD sensor
- MPEG-4 ASP compliant hardware compression
- CIF or up to Full D1 resolution
- Dual MPEG-4 video stream output via LAN and WAN (PPPoE supported) ports at the same time
- QoS enabled (L2, L3) for video streaming (UniCast/MultiCast)
- Min. 0.15 Lux at F=1.2
- Backlight Compensation, Auto Iris Control, Auto White Balance supported
- Digital time code embedded

▶ **MPEG-4 compression gives a high resolution image quality**

The IPKIT-5100 MPEG-4 IP Camera adopts MPEG-4 Advanced Simple Profile (ASP) compliant compression technology to perform high resolution as superior as DVD. It utilizes the premium 1/3" CCD color sensor, and has general resolution of 480 TV lines. The real-time image transmission is 30 fps (720 x 480 pixels, NTSC) and 25 fps (720 x 576 pixels, PAL).

▶ **Advanced network technologies enable real-time surveillance**

With LAN and WAN ports built-in, the IPKIT-5100 applies QoS (Quality of Service, IEEE 802.1pQ) technology to fully utilize network bandwidth. IPKIT-5100 supports automatic (or manual) frame rate control for concurrent video streams accessing in different network bandwidth.

It also applies video streaming so that users can browse the real-time image, reaching the complete surveillance goal.

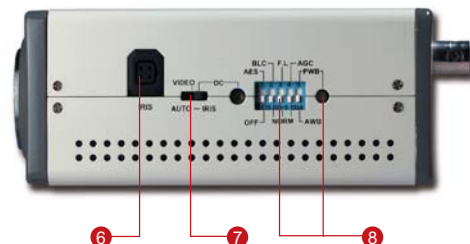
The IPKIT-5100 not only supports DDNS, but also has the built-in web server to enable authorized users to adjust the camera setting via remote browser.

▶ **Sophisticated design Simplifies Use**

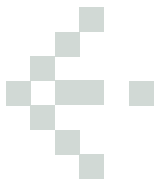
In addition to adopt the DC and video auto iris, the IPKIT-5100 also has adjustors including back light compensation, auto white balance, auto gain control and flickerless for different application conditions.



- 1 Composite video output
- 2 Digital input/output
- 3 DC 12 V power input
- 4 WAN port



- 5 LAN port
- 6 Auto IRIS
- 7 DC level
- 8 CCD setting



IPKIT-5100

PRODUCT SPECIFICATIONS

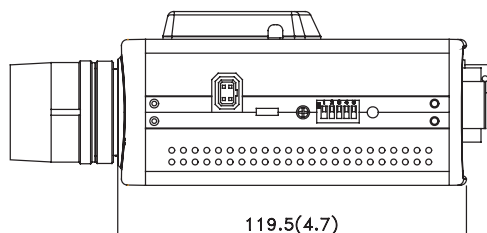
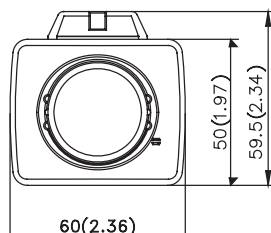
Model Name	IPKIT-5100	IPKIT-5100C
Image System		
Image Sensor	1/3" color CCD	
Effective Pixels(HxV)	811 x 508 (NTSC) 795 x 697 (PAL)	
Resolution	480 TVL	380 TVL
Min. Illumination	0.15 Lux at F=1.2	
Auto Electronic Shutter	AES On: 1/50 (60) sec. ~ 1/100,000 sec; AES Off: 1/50 (60) sec.	
Backlight Compensation	On/Off (switchable)	
Signal to Noise Ratio	More than 50 dB (AGC off)	
F.L. (Flickerless)	On/Off (switchable)	
Automatic Gain Control	On/Off (switchable)	
Auto Iris Control	Video/DC (switchable)	
Auto White Balance	AWB(ATW)/PWB (switchable)	
Video Output	1Vp-p Composite/75Ω	
Lens Mount	C/CS (with adaptor)	
Compression	MPEG-4 ASP compliant hardware compression	MPEG-4 SP compliant hardware compression
Resolution	QCIF (160 x 112 in NTSC, 176 x 144 in PAL) CIF (352 x 240 in NTSC, 352 x 288 in PAL) Full D1 (720 x 480 in NTSC, 720 x 576 in PAL)	QCIF (160 x 112 in NTSC, 176 x 144 in PAL) CIF (352 x 240 in NTSC, 352 x 288 in PAL)

Image Frame Rate	30 fps at full D1 resolution (NTSC) 25 fps at full D1 resolution (PAL)	30 fps at CIF resolution (NTSC) 25 fps at CIF resolution (PAL)
Network		
Ethernet	10/100base-T x2 for LAN/WAN	
Protocol Supported	TCP, UDP, HTTP, PPPoE, DDNS, DHCP, IGMP	
QoS	Layer 2, 3	
I/O Connector		
Network	RJ-45 x2 (WAN/LAN)	
Serial Port	RJ-45 x1 (RS-485)	
Analog Video Output	Composite x1, BNC connector (NTSC/PAL)	
Digital Input	Terminal blocks x1 • Logic Level 0: 0 ~ 0.8 V • Logic Level 1: 2.31 ~ 5.3 V	
Digital Output	Terminal blocks x1 • Logic Level 0: 0 ~ 0.5 V • Logic Level 1: 2.8 ~ 3.3 V	
Mechanical & Environment		
Dimensions (W x H x D)	63 x 52 x 119 mm (2.48" x 2.05" x 4.69")	
Weight	450 g (0.99 lb)	
Power Requirement	12 V / 1 A / 12 W	
Operation Temp.	5 °C ~ 50 °C (40 °F ~ 122 °F)	
Other		
Watch Dog Timer	5 sec	
Security	Password/username protection for restricted camera acces	

ORDERING INFORMATION

Model Name	Description
IPKIT-5100	MPEG-4, Full D1 Resolution, IP Camera and VideoSm@rt Software with one IP Camera License
IPKIT-5100C	MPEG-4, CIF Resolution, IP Camera and VideoSm@rt Software with one IP Camera License

DIMENSIONS



Units: mm [inch]