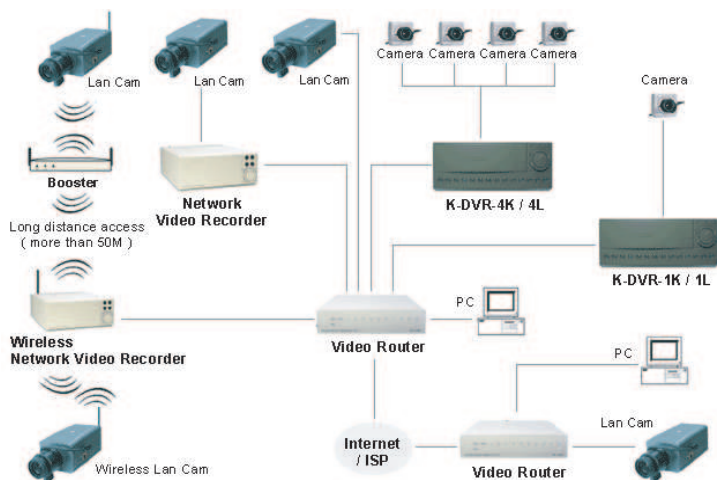


K-31CL, K-31WCL



Features

- o An inbuilt web server and network interface
- o Simultaneously export both the analogs and the digital images.
- o Motion detection
- o C- or CS- mount lens mount
- o Automatic white balance (AWB)
- o Automatic gain control (AGC)
- o Backlight Compensation (BLC)
- o Image quality selectable at 5 different levels for recording
- o 3 different resolution rates selectable for recording
- o Image brightness, contrast, saturation, and hue adjustable
- o Water marking
- o An inbuilt microphone
- o Support TCP/IP, DHCP, HTTP, UDP, FTP, SMTP (for E-mail), SNMP, NetBIOS, ICMP, DDNS, DNS protocol
- o Provides 7 periods of time recording according to the programmed schedule
- o Event triggered remote image storage via E-mail or/and FTP
- o Multi-level and multi-user secure management
- o Capable of working with various known multiplexers and quad processors.
- o Automatically check the time with the SNTP server via the internet
- o Firmware update via SD card
- o Third party application supported (see third party application page)
- o Fast ethernet 10/100 Base-TXport. (ONLY K-31CL)



K-31CL



K-31WCL

Specifications

	K-31CL	K-31WCL
CCD Sensor	1/3" interlaced CCD	
CCD Resolution	NTSC 270K Pixels, PAL 320K Pixels,	
Video throughput	Up to 30(25) frames / sec.at 352x224 (352x272)	
Network throughput	1.5 Mbytes / sec.	
Video Output	1.0Vp-p, 75ohm, Composite, Negative	
Horizontal resolution	340 TV lines	
Exposure	BLC / AGC / AWB	
Electronic shutter	NTSC : 1/60-1/100,000sec. PAL: 1/50-1/100,000sce.	
Sensitivity	0.8 lux @ F1.2	
Auto iris type	DC-iris	
Audio	YES	
Micro phone	YES	
Compression	MJPEG	
Picture size	4~64 KB	
Video fine tune	Brightness, BLC, Saturation, Hue, Sharpness	
Watermarker	Digital Signature	
Communication Port	RS-232	
Network Interface	Ethernet (10/100Base-TX, RJ-45 Wired)	
Network Protocol	TCP / IP, UDP, DHCP, HTTP, SMTP, SNMP, FTP, ICMP, DDNS, DNS	
Wireless Bit Rate	N/A	11, 5.5, 2, 1 Mbps
Wireless Security	N/A	WEP Encryption 64-bits and 128-bits
Operating Frequency	N/A	America 2.412 - 2.462 GHz (11Ch.) Europe CE2.412 - 2.472 GHz (13Ch.) Japan 2.412 - 2.484 GHz (14Ch.) France 2.457 - 2.472 GHz (4Ch.)
Wireless Output power	N/A	20 dBm (MAX)
Motion detection	advanced MD (zone, position, sens)	
Alarm I/O	YES	
Secure password / User name	Multi-level / Multi-user	
SD socket	YES	
Firmware Upgrade	Upgrade via SD card	
Power input	5V DC / 2A	
Operating environmental	requires proper environmental housing for outdoor use	
Operating Temp.	5-50 C (41-122F)	
Regulation	FCC, CE	
Dimensions	62(H) x 50(W) x 95(D) mm	
Weight	306g	318g

Function of Client PC

	K-31CL	K-31WCL
System requirement	Windows	
Browser	Windows IE 5x,6x	
Camera setup	Username / IP / PROXY / Password / Time / Date / Motion / Alarm	
Multi-camera link	4 camera	
Viewer	1/4 SPLIT	
Save file format	JPEG / AVI	