

Network Video Server – “WISE cam Server”

<Technical information>

		WISE cam (LWS-700)
Hardware	CPU	200 MIPS 32bit RISC Processor
	Flash Memory	8Mbyte
	DRAM	32Mbyte
	O/S	Embedded Linux
Network	Protocol	TCP/IP, ARP, FTP, SMTP, DHCP, HTTP
	LAN Interface	Ethernet (10/100 Base-T). Cable Modem
Image Resolution		640 X 480, 320 X 240, 160 X 120
Image compression	Method	JPEG, Motion JPEG
	Level	4 Level
	Performance	Max 30 fps
Camera Module	Method	NTSC (PAL selectable)
	Image Sensor	1/4" Inch Interline Transfer CCD
	Sensitivity	0.4 Lux (Minimum)
	S/N Ratio	48dB
	Synchronization	Internal
	Resolution	330 TVL
	Remote Controlling	WBC, AGC / BLC / Flickerless mode On/Off
	Back light compression	On/Off Function
Software Update		Configurable by LAN port, Remote Flash Memory Update
Security		Password Protection
Image Input/Output		Option: IP Address Filtering, Image Encryption BNC 4 Channel input / 4 Channel output
Alarm	Input/Output	4 in / 1 out (N.O/N.C selectable)
	Network interface	RJ-45
Pan/Tilt/Zoom Remote Control		RS 485
Video Loss Detection		Yes
Motion Detection		Yes
Pre / Post Alarm buffer		Yes
Power		DC12V ± 10%, 700mA
Operating Condition		0°C ~ 50°C, Less Than 90%RH
Metrics		218(W) X 155(L) X 44(H)
Weight		1,100g

<Product Feature>

All-in-one Digital Network Video Server – “WISE cam Server”

(LWS 700)

1. Main Feature

- On the basis of the standardized JPEG, Motion JPEG Image compression
- Maximum 30 frames Image compression and sending
- Supporting Homepage space for User
- 32Mbyte RAM, 8Mbyte Flash Memory
- Concentrate observation for motion detection (Using 25 pieces screen division)
- Image compression and restoration ratio adjust function
- DVR function (FTP)
- PAN/TILT/ZOOM Remote control
- Supporting various Protocol (TCP/IP, ARP, FTP, SMTP, DHCP, HTTP)
- Connecting existed CCD Camera (4 Input/ 4 Output)
- External alarm sensor input and output control port (4 Input/ 1 Output)
- Video loss detection function
- Alarm function (Sending E-mail, FTP)
- Supporting Dynamic IP address

2. Application Field

- Bank or a self-services stand where security watching is needed
- Various restricted areas
- A research institute or laboratory where steady observation is needed
- Sightseeing places where the weather, establishment checking is needed
- Public institution or business enterprise where the real-time check of road traffic is needed
- Institution or construction companies where the check of construction place is needed
- Playground or kindergarten where kids are to be seen when their parents are on duty
- Hospital or medical treatment where a patient can be checked continuously
- A company that has a lot of branch offices in different places
- Library or boarding house where parent can see their kids
- Etc.