

wireless & storage IP camera device with WiFi and SD Card **TW-WF100**



CCTV SYSTEM

www.svcard.com / www.securityhitech.com

TW-WF100 series is an embedded wireless & storage IP camera device with WiFi and SD Card designed for network video surveillance application. Optimized H.264 video compression algorithm assures clearer and more fluent image transmission. It uses the newest technics and high integration single chip SOC with powerful linux RTOS (Real-time Operating System) realize high performance and cost digital multimedia process. Built-in Web Sever allows users to conveniently carry out remote control via internet Explorer. Furthermore, central management software can be used for integrated surveillance and management of multiple network cameras, so it's very easy to build large video surveillance system.

Performance :

- high-density and programmable communication media processor Hisilicon Hi3510, SOC single chip solution, equipped with two processors, ARM9 and DSP
- Support both high sensitivity SHARP CCD or other CMOS sensor
- H.264 baselines profile@ Level 2.2, realize transmission of High Definition video over low network bandwidth easily.
- Up to 30 frames per second in all resolutions ranging up to 720x480
- Up to 10 viewers can directly access the camera simultaneously
- Built-in Web server enables the use of a standard Web browser for viewing and management
- Support CDMA1X and GPRS mobile network and surveillance via the mobile phone
- Support SD card video/picture storage
- Support WiFi/802.11b/g wireless network
- Support remote software upgrade safely function
- Support dynamic IP address , LAN, Internet (ADSL and Cable Modem)
- Network protocols: HTTP, TCP/IP, UDP, SMTP, PPPoE, DDNS, DNS, SNTP, DHCP, FTP, SNMP
- Support Bi-directional real- time transmission of audio talk-back & broadcast.
- Network self-adapting technology to adjust video frame rate automatically according to the network bandwidth.
- Provide video lost, motion detection and sensor alarm functions (Area&Sensitivity can be settled)
- Provide RS485/RS232 serial port with several built-in high-speed domes and decoder protocols, supports transparent protocols.
- Auto-recovery function if exception occurs and auto-connection if the network



S&V COMMUNICATION SERVICE NETWORK CO.,LTD.
15/241-3 Sukhumvit 107 North Samrong
Samutprakam,Thailand,10270
Tel No. 02-759-2255 : Fax No.02-759-2980
www.svcard.com / www.securityhitech.com

■ Distributed By



wireless & storage IP camera device with WiFi and SD Card TW-WF100**Specification**www.svcard.com / www.securityhitech.com

Mode	TW-WF100	
Image Sensor	WF100	1/4 CMOS Sensor,1 Lux,VGA Definition
	WF101	380 line, 0.5LUX,1/3 Sharp CCD
	WF102	420 line, 0.5LUX,1/3 SONY CCD
	WF103	500 line, 0.5LUX,1/3 SONY Super HAD CCD
	WF104	520 line, 0.5LUX,1/3 SONY Super HAD CCD
Auto Iris Control	DC drive	
Video Compression	H.264 Baseline Profile@ Level 2.2 Video	
Video Definition	CCD	PAL:352*288(CIF),704*288(2CIF),704*576 (D1); NTSC:352*240(CIF),704*240 (2CIF),704*480(D1)
		CMOS
Video Parameters	Brightness, Hue, Contrast, Saturation, Image, quality	
Streaming Format	Optional Video Streaming or Audio & Video composite Streaming	
Video Definition	CCD	PAL: 1-25frames/second
		NTSC:1-30frames/second
	CMOS	1-25frames/second
Video Compression Bit rate	16Kbit/S~4Mbit/S	
Audio Input	1channel, linear input	
Audio Compression	G.726	
Audio Output	1channel, RCA interface, linear output	
Audio talk-back	Built-in Mic	
Supported Protocols	TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS,ARP, ICMP, POP3, NTP, IP sec, UPNP,RTP,RTCP	
System Interface	10M/100M self-adapting Ethernet port, 1 RS485 port (supports transparent protocols) WiFi port (802.11b/g wireless network) SD card slot	
Alarm Input	1 channel on/off input, supporting support NO(normally open) or NC (normally close) sense.	
Alarm Output	1 channel on/off output,120VAC 1A/24VDC 1A	
Input Power Supply	DC 12V,1A	
Maximum Power	Less than 6W	
Operating Temperature	-10 ~ +55°C	
Operating Humidity	10 ~ 85%	
System Requirements	Operation System: Microsoft Windows, 98/ME/2000/XP/2003 Browser: Microsoft Internet Explorer 5.x or above	