

# WiFi Camera

MODEL: WIFI-CA100

The WiFi Camera provides you live audio and video of your target via a web browser or the client application anywhere in the world. With its compact size and high-performance chip, it lets you monitor your home, kids, offices, or anywhere requiring remote video transmission and supervision.

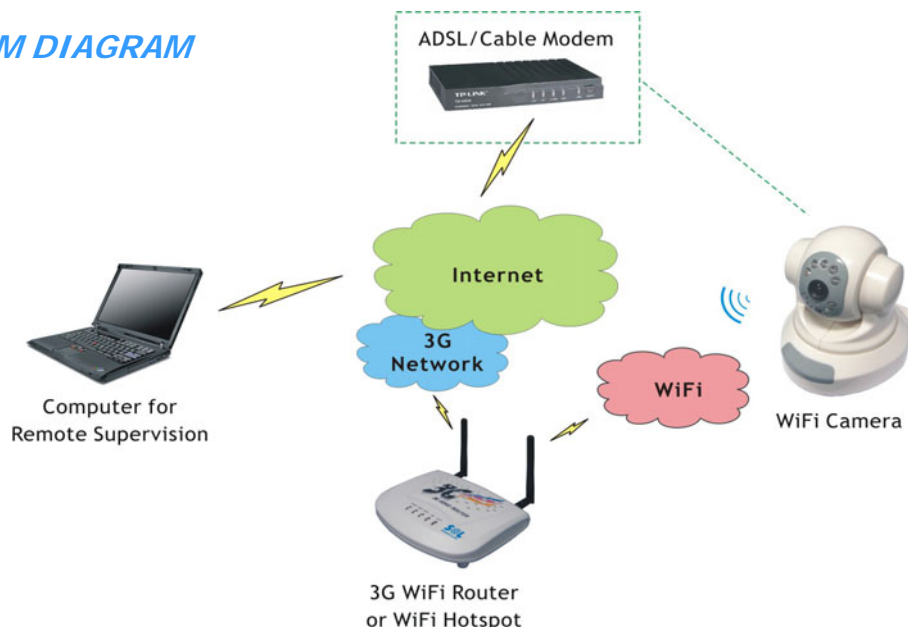
Unlike standard “web cams” that require an attached PC, the WiFi Camera has a built-in web server, so it can directly access the Internet by a nearby wifi hotspot (e.g. our 3G WiFi Router) or connecting to a ADSL/cable modem via Ethernet cable.



## FEATURES

- Wide supervision range with PAN rotation of 270° and TILT rotation of 120°;
- Adopt high-performance programmable media processor and CMOS image sensor;
- Infrared LEDs for better night view;
- Optimized H.264 video compression algorithm for transmission of high definition images through narrow bandwidth;
- Connect up to 10 users simultaneously;
- Integrated web server for users to make supervision and configuration from Microsoft IE;
- Support real-time video supervising, recording, snapshot, searching, replaying and downloading;
- Support SD card of up to 32GB for local storage of images;
- Support remote upgrade;
- Multi-protocol support: TCP/IP, HTTP, UDP, SMTP, DDNS, DNS, SNTP, DHCP, WiFi/802.11b/g;
- Support bi-directional talking and audio supervision;
- Adaptable to network bandwidth to automatically adjust video FPS (frame per second);
- Support motion detection (configurable region and sensitivity) and alarm output;
- Support image shading for specified region;
- Auto redials upon failure of connection.

## SYSTEM DIAGRAM



## TECHNICAL SPECIFICATIONS

	Specifications
Image Sensor	1/4" CMOS with 300,000 pixels and min. illumination of 1 Lux
Video Compression	H.264 baseline profile @ level 2.2
Video Resolution	320 x 240 pixels (QVGA), 640 x 480 pixels (VGA)
IR View Distance	5 m
Pan/Tilt Rotation Angle	Pan: 270 ° / Tilt: 120 °
Adjustable Video Parameters	Brightness, contrast, and image quality
Streaming Format	Pure video streaming or video-audio streaming
Video Frame Rate	1~30 frames/second
Video Compression Bit Rate	16kbps to 4Mbps
Audio Input	1-channel linear input or active microphone (with impedance of 1kΩ) input
Audio Output	1-channel linear output
Audio Compression	G.726
Interface	<ul style="list-style-type: none"> <li>• Power interface: AC 100~240V 50/60Hz to DC 9V/1.5A</li> <li>• 1 Ethernet interface: RJ45 port</li> <li>• External WiFi antenna</li> <li>• Audio I/O</li> <li>• SD card slot</li> </ul>
Max. Power	6W
Operating Temperature	0~+40 °C
Relative Humidity	10~85 %
System Requirement for Computer	<ul style="list-style-type: none"> <li>• Operating System: 32-bit Microsoft® Windows 2000/XP/2003/Vista and 64-bit Windows 2003/XP/Vista</li> <li>• Internet Browser: Microsoft® Internet Explorer 5.0 or above</li> </ul>
WiFi Module	Support IEEE 802.11b/g
Best WiFi Range	30m in open area and 15m in wall-blocked area
Package Content	WiFi camera, WiFi antenna, 1.5m Ethernet cable, Audio I/O cable, AC/DC adaptor, and software CD
Dimensions	104mm x 125mm x 106 mm
Weight	260 g
Packing Dimensions	205mm x 120mm x 172mm
Packing Weight	720 g
Certificate	CE & FCC

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