

**GRANDTEC ELECTRONIC CORP.**

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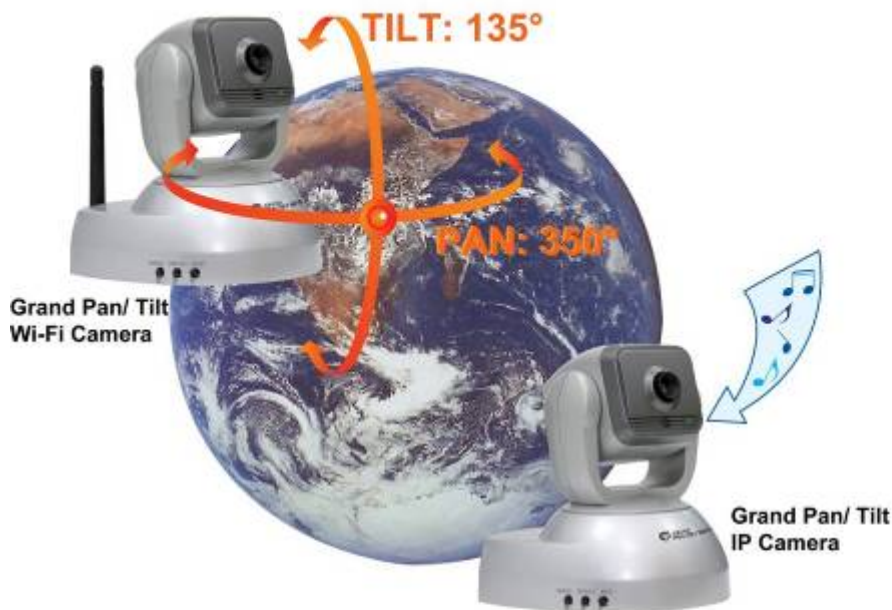
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# GRAND PAN/ TILT IP CAMERA GRAND PAN/ TILT Wi-Fi CAMERA

iPhone Web Browser Support/ Pan &amp; Tilt Adjustable/ Video &amp; Audio Transmission/ Bundle DivX Codec

## Remotely View & Listen



Use the mounting bracket to invert on the ceiling.



## 1. Introduction

The Grand Pan/ Tilt IP and Wi-Fi Cameras are full-featured network cameras. It features pan, tilt, digital zoom and built-in microphone, giving you greater remote viewing options.

You can use internet explorer (iPhone web browser support) to remotely view and listen in your property or your children when away from home. By using your internet explorer, you can even control the cameras to pan (350°) and tilt (135°) and modify its digital zoom (15level) to bring the object into close view.

Choose the Grand Pan / Tilt IP and Wi-Fi Cameras to enhance safety and security at your home or office.

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## 2. Products Features

- 1/4" Low Lux CMOS VGA Sensor (Omni Vision).
- Supports Pan/ Tilt Function:
  - Pan Degree: 350° (+175° to -175°)
  - Tilt Degree: 135° (+90° to -45°)
- Built-in microphone for listening remotely.
- High Resolution Image Processor (640 x 480 · 320 x 240 · 176 x 144).
- Supports up to 30 frames per second in QCIF or QVGA mode.
- The provided **IP Cam Finder** tool allows you to quickly search for and set up cameras located in the local area network (supports Windows 7/ Vista/ XP 32bit).
- Supports IP Address Hidden Function.
- Supports Motion detected Mail Function
- Supports 15 level digital zoom in function.
- Supports iPhone Web Browser (supports remote view, pan, tilt, snapshot and setting function).
- Supports IE recording function (AVI format).
- Compatible with Windows 7/ Vista/ XP and Linux OS (32bit).

**NOTE:** The **Remote Listen In**, **IE Recording** and **Digital Zoom In (Out)** and **UPnP** functions are not available in Linux OS.

- Network
    - LAN connector: RJ45 port to connect to 10/100 Mbps Ethernet
    - Wireless: Built-in 802.11g/b Wi-Fi Module (Grand Pan/ Tilt Wi-Fi Camera)
  - Supports TCP/IP / HTTP / FTP / SMTP / DHCP / PPPoE / DDNS / UPnP / NTP service
  - Multi-Languages OSD: English / French / German / Italian / Japanese / Netherland / Portuguese / Spanish / Russian / Traditional Chinese
  - Surveillance Software (model 2): **WalkGuard 7.0**
    - Supports 4/ 9/ 16 cameras preview and record in DivX format (v6.5.1).
- NOTE: When remote view and record 16 cameras simultaneously, a system with higher CPU performance is recommend.**
- Video File Management: Video file database and playback control.
  - Storage Recyclable: When running out of disk space, files with the earliest date will be overwrite automatically.
  - Motion Detection: Detect any movement in the mask area and invoke the alarm as soon as movement is detected.
  - Compatible with Windows 7, Vista and XP (32bit).
  - Multi-Languages OSD: English/ French/ German/ Italian/ Dutch/ Spanish/ Russian/ Japanese/ Traditional Chinese.



iPhone Web Browser (Safari)



Multi-Language OSD



WalkGuard 7.0 (model 2)

## 3. System Requirements

- Processor: Pentium 800MHz or Equivalent or above.
- RAM: 1GB or higher
- VGA card with 8MB memory or above
- Microsoft DirectX 9
- Web browser: Microsoft Internet Explorer V6.0 or higher



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## 4. Specifications

Model Name	Grand Pan/ Tilt IP Camera	Grand Pan/ Tilt Wi-Fi Camera
Camera-Image Sensor	1/4" Low Lux VGA CMOS Sensor (Omni Vision)	
IP Cam Finder Tool	Allows you to quickly search for and set up cameras located in the local area network (supports Windows 7/ Vista/ XP 32bit).	
Features	Supports Pan (350°) &Tilt (135°) Functions 15 Level Digital Zoom in (out) IE Recording (AVI format)	
Motion Detection-Action	Send the snapshot picture to a email	
Remote Management	Configuration can be accessed via Web browser	
Multi-Language	English/ Spanish/ Portuguese/ Dutch/ German/ Italian/ Russian/ French/ Japanese/ Traditional Chinese	
Network Protocol	TCP/IP / HTTP / FTP / SMTP / DHCP / PPPoE / DDNS / UPnP / NTP	
Network (Ethernet)	10/100Mbps Fast Ethernet	
Network (Wireless)	N/A	802.11g/ b Wireless
Wireless Operating Range	N/A	20 meters (indoor)
Video Encoder	MJPEG	
Audio	Built-in Microphone for remotely listen in	
Video Resolution	Up to 30fps at 176x144 Up to 30fps at 320x240 Up to 15fps at 640x480	
Security	IP Address Hidden (prevent the ping command) Administrator and User Group Protected	
Operating System	Windows 7/ Vista/ XP/ Linux OS (32bit) <b>NOTE: The Remote Listen In, IE Recording and Digital Zoom In (Out) and UPnP functions are not available in Linux OS.</b>	
Browser	Internet Explorer / Firefox / iPhone Web Browser (Safari)	
Surveillance Software (model 2)	<ol style="list-style-type: none"> <li>Supports Windows 7/ Vista/ XP (32bit).</li> <li>DivX Capture (supports video recording only)</li> <li>Video File Management: Video file database and playback control.</li> <li>Storage Recyclable: When running out of disk space, files with the earliest date will be overwrite automatically.</li> <li>Motion Detection: Detect any movement in the mask area and invoke the alarm as soon as movement is detected.</li> <li>Supports up to 16 cameras remote view and record simultaneously. <b>NOTE: When remote view and record 16 cameras simultaneously, a system with higher CPU performance is recommend</b></li> <li>Multi-Languages OSD: English/ French/ German/ Italian/ Dutch/ Spanish/ Russian/ Japanese/ Traditional Chinese.</li> </ol>	
Power	DC 12V/ 2A	
Operating Conditions	0°C ~60°C	
Dimensions (L/W/H)	119.5mm x105mm x 126mm (not included Wi-Fi Antenna)	

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## 5. Hardware Connection and Description

### 5.1 Grand Pan/ Tilt IP Camera



### 5.2 Grand Pan/ Tilt Wi-Fi Camera



## 6. Package Contents



Grand PAN/ TITL IP Camera or  
Grand PAN/ TITL Wi-Fi Camera



Quick  
Guide



RJ-45  
Cable



Power Adapter  
(DC 12V, 2A)



Mounting Bracket  
& Screws



CD  
Driver



Use the mounting bracket  
to invert on the ceiling.