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

Pan & Tilt Adjustable/ Video & Audio Transmission/ Digital Zoom In/ Low Lux Sensor/ Bundle DivX Codec

1. Introduction

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

You can use internet explorer 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 Grand Pan/ Tilt IP and Wi-Fi Cameras to pan (350°) and tilt (135°) and modify its digital zoom (15level) to bring the object into close view.
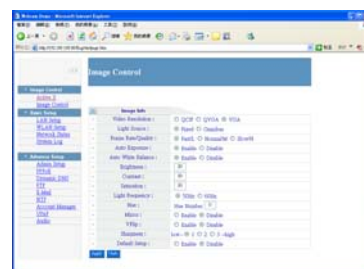
Choose the Grand Pan / Tilt IP and Wi-Fi Cameras to enhance safety and security at your home or office.

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2. Products Features

- 1/4" Low Lux CMOS VGA Sensor (Omni Vision)
- Built-in microphone for listening remotely.
- Supports 15 level digital zoom in function.
- Supports IE recording function (AVI format).
- IP Address Auto Detect and Setup.
- Supports Wi-Fi (802.11g/ b/ a) function.
- Ethernet RJ-45,10/100 Base-T auto-sense.
- Supports Pan/ Tilt Function:
    - Pan Degree: 350° (+175° to -175°)
    - Tilt Degree: 135° (+90° to -45°)
- 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.
- Supports IP Address Hidden Function.
- Supports Motion Detected Mail Function.
- Surveillance Software (model 2): Supports 4/ 9/ 16
  cameras preview and record. (DivX format)

Multi-Language

Setup Window

Digital Zoom   IE Control   4/ 9/ 16 Cameras
Preview & Record
(model 2)

3. System Requirements

- Router (with DDNS or PPPoE function) is required
- 10Base-T Ethernet or 100Base TX Fast Ethernet
- Pentium 800 MHz or Equivalent or above.
- 64M RAM or above
- VGA card with 8MB memory or above
- Microsoft DirectX 9
- Internet Explorer 5.0 or above

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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)	
Features	Supports Pan (350°) &Tilt (135°) Functions IP Address Auto Detect and Setup Built-in Motion Detection 15 Level Digital Zoom in (out) IE Recording (AVI format)	
Motion Detection-Action	E-mail	
Remote Management	Configuration can be accessed via Web browser	
Multi-Language	English/ Spanish/ Portuguese/ Dutch/ German/ Italian/ Russian/ French/ Japanese/ Traditional Chinese	
Network Protocol	NTP/ SMTP/ FTP/ DHCP/ PPPOE/ DDNS/ UPnP/ HTTP	
Network (Ethernet)	10/100Mbps Fast Ethernet	
Network (Wireless)	N/A	802.11g/ b/ a Wireless
Wireless Operating Range	N/A	20 meters (indoor)
Video Encoder	MJPEG	
Audio	Built-in Microphone for listening remotely	
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 2000/ Me/ XP/ Vista/ Linux OS NOTE: The **IE Recording** function is not available in Windows Vista. The **Remote Listen In**, **IE Recording** and **Digital Zoom In (Out)** and **UPnP** functions are not available in Linux OS.	
Browser	Internet Explorer V5 or above	
Surveillance Software (model 2)	1. DivX Capture (supports video recording only) 2. Video File Management: Video file database and playback control. 3. Storage Recyclable: When running out of disk space, files with the earliest date will be overwrite automatically. 4. Motion Detection: Detect any movement in the mask area and invoke the alarm as soon as movement is detected. 5. Supports 4/ 9/ 16 cameras preview and record. 6. Multi-Languages OSD: English/ French/ German/ Italian/ Dutch/ Spanish/ Russian/ Japanese/ Traditional Chinese.	
Power	DC 12V/ 2A	
Power Consumption	4.2W (12V * 350mA)	
Operating Conditions	0℃～70℃	
Dimensions (L/W/H)	119.5mm x105mm x 126mm (not included Wi-Fi Antenna)	

5. Hardware Connection and Description

5.1 Grand Pan/ Tilt IP Camera

5.2 Grand Pan/ Tilt Wi-Fi Camera

6. Package Content

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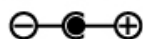Grand PAN/ TITL Wi-Fi Camera

Quick Guide

RJ-45 Cable

Power Adapter
(DC 12V, 2A)

Mounting Bracket
& Screws

CD Driver