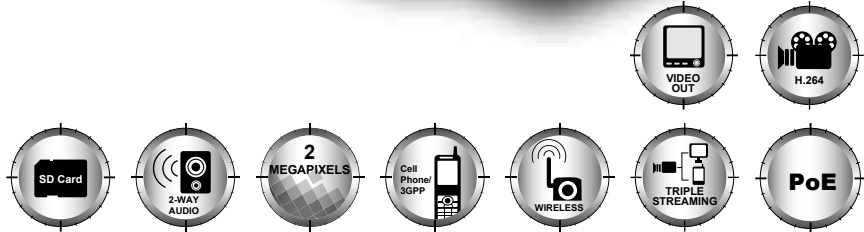


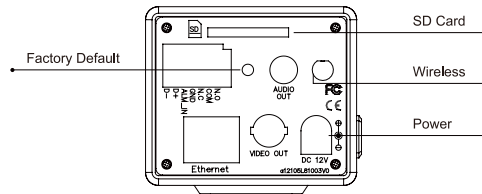
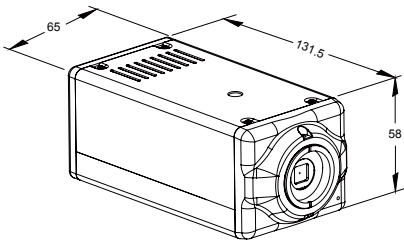
## HLC-81AD

### Main Features

- High Definition 720P @30 FPS
- Video out available
- 2-Megapixel CMOS sensor
- Power over Ethernet available
- H.264/ JPEG / MPEG4 compression
- SD card backup
- 2-way audio
- Mechanism IR Cut filter available
- Support cell phone/PDA/3GPP
- Triple streaming
- SDK for software integration
- Free Bundle 36 ch recording software



### Interface



Unit: mm

### Specifications

| Hardware                     |   |
|------------------------------|---|
| <b>CPU</b>                   | ARM 9, 32 bit RISC  |
| <b>RAM</b>                   | 256MB   |
| <b>Flash</b>                 | 16MB  |
| <b>Image Sensor</b>          | 1/3.2" CMOS (2 Magapixels)  |
| <b>Sensitivity</b>           | 0.5 lux @ F/1.5   |
| <b>Lens Changeable</b>       | Yes, CS Mount   |
| <b>Support DC IRIS</b>       | Yes   |
| <b>ICR</b>                   | Mechanism IR cut Filter   |
| <b>I/O</b>                   | 1 in/ 1 Relay Out   |
| <b>RS-485</b>                | Yes   |
| <b>Video Out</b>             | 1   |
| <b>Audio In</b>              | Mic Built-in  |
| <b>Audio Out</b>             | 1 (RCA Type)  |
| <b>Power over Ethernet</b>   | Optional  |
| <b>Power</b>                 | DC 12V, 450mA   |
| <b>Operating Temperature</b> | 0°C~40°C  |
| <b>Dimensions</b>            | 58mm (W) x 65mm (H) x 131.5mm (D)                                 |
| Network                      |   |
| <b>Ethernet</b>              | 10/ 100 Base-T  |
| <b>Network Protocol</b>      | HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP |
| <b>Wireless (Optional)</b>   |   |
| <b>Wireless</b>              | 802.11b/g   |
| <b>Security</b>              | WEP,WPA-PSK,WPA2-PSK  |

| System                         |   |
|--------------------------------|---|
| <b>Video Resolution</b>        | 1600x1200, 1280x1024, 1280x960,1280x720, 800x600,640x480, 320x240, 176x144  |
| <b>Triple Streaming</b>        | Yes   |
| <b>CMOS Setting</b>            | Brightness, Contrast, Sharpness, BLC, Night Mode                            |
| <b>Image Snapshot</b>          | Yes   |
| <b>Full Screen Monitoring</b>  | Yes   |
| <b>Privacy Mask</b>            | Yes, 3 different areas  |
| <b>Compression Format</b>      | H.264/ M-JPEG/ MPEG4(3GPP only)   |
| <b>Video Bitrates Adjust</b>   | CBR, VBR  |
| <b>Motion Detection</b>        | Yes, 3 different areas  |
| <b>Triggered Action</b>        | Mail, FTP, Save to SD card, Relay   |
| <b>Pre/ Post Alarm</b>         | Yes, configurable   |
| <b>Security</b>                | Password protection   |
| <b>Firmware Upgrade</b>        | HTTP mode, can be upgraded remotely   |
| <b>Simultaneous Connection</b> | Up to 10  |
| <b>Audio</b>                   | Yes, 2-way  |
| SD card management             |   |
| <b>Recording Trigger</b>       | Motion Detection, IP check, Network break down (wire only), Schedule, relay |
| <b>Video Format</b>            | AVI, JPEG   |
| <b>Video Playback</b>          | Yes   |
| <b>Delete Files</b>            | Yes   |
| Client system requirements     |   |
| <b>OS</b>                      | Windows 2000, XP, 2003, Microsoft IE 6.0 or above                           |
| <b>Hardware</b>                |   |
| Suggested                      | Intel Dual Core 1.66G, RAM: 1024MB, Graphic card: 128MB                     |
| Minimum                        | Intel-C 2.8G, RAM: 512MB, Graphic card: 64MB                                |