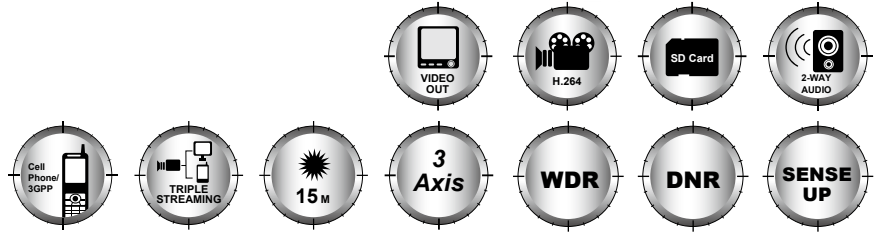


HLC-1NAG

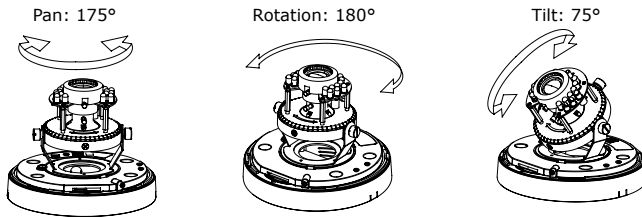


Main Features

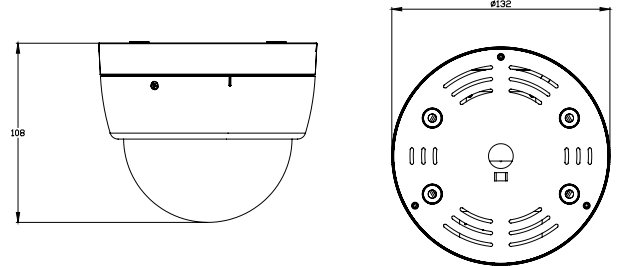
- D-WDR system
- Next generation 3D DNR
- Sense-up function
- Power over Ethernet available
- 3-Axis bracket adjustment
- 15M built-in IR LED available
- Mechanism IR Cut filter available
- H.264/ JPEG/ MPEG4 compression
- SD card backup
- 2-way audio
- Support cell phone/PDA/3GPP
- SDK for software integration
- Free bundle 36 ch recording software



Interface



3-Axis Bracket



3-Axis Bracket

Unit: mm

Specifications

Hardware	
CPU	ARM 9 ,32 bit RISC
RAM	256MB
Flash	16MB
Image Sensor	1/3" CCD Sensor
Sensitivity	0 lux (IR On)
Lens Type	Vari-focal 3.7~12mm Lens
ICR	Mechanism IR cut Filter (Optional)
LED	Built-in 18 IR LED (optional) IR Distance-15M (Optional)
I/O	1 in/ 1 Relay Out
Video Out	1
Audio In	1
Audio Out	1
Power over Ethernet	Optional
Power Consumption	DC 12V 470mA
3-Axis Bracket Adjustment Angle	Pan: 175° Tilt 75° Rotation 180°
Operating Temperature	0°C~40°C
Dimensions	132mm(φ) x 108mm(H)
Network	
Ethernet	10/ 100 Base-T
Network Protocol	HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP

System	
Video Resolution	NTSC: 720x480, 704x480, 352x240, 176x144 PAL: 720x576, 704x576, 352x288, 176x144
Video Adjust	Brightness, Contrast, Saturation, Hue, Sharpness, AES, Manual shutter, IRIS Level, BLC, Day and night, night mode, 3D DNR, WDR, Flip and Mirror
Triple Streaming	Yes
Image Snapshot	Yes
Full Screen Monitoring	Yes
Privacy Mask	Yes, 3 different areas
Compression Format	H.264/ JPEG/ MPEG4 (3GPP only)
Video Bitrates Adjust	CBR, VBR
Motion Detection	Yes, 3 different areas
Triggered Action	Mail, FTP, Save to SD card, Relay
Pre/ Post Alarm	Yes, configurable
Security	Password protection
Firmware Upgrade	HTTP mode, can be upgraded remotely
Simultaneous Connection	Up to 10
Audio	Yes, 2 ways

SD card management

Recording Trigger	Motion Detection, IP check, Network break down (wire only), schedule, Relay
Video Format	AVI, JPEG
Video Playback	Yes
Delete Files	Yes

Client system requirements

OS	Windows 2000, XP, 2003, Microsoft IE 6.0 or above
Hardware	
Suggested	Intel Dual Core 1.66G, RAM: 1024MB, Graphic card: 128MB
Minimum	Intel-C 2.8G, RAM: 512MB, Graphic card: 64MB

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE