
HLC-85ED Specifications



Main Features:

1. Full HD 1080P Real Time
2. 3D+2D Digital Noise Reduction
3. Digital Wide Dynamic Range
4. Shutter Speed Adjustable
5. Sense Up Adjustable
6. Day & Night Switch Time Control Manfully
7. Support PIR
8. Support WPS
9. IR Built in 8 Meter
10. Power over Ethernet
11. 2-way Audio
12. H.264/ M-JPEG Compression
13. Micro SD Card Backup (Option)
14. Support iPhone/Android/Mac
15. SDK for Software Integration
16. Free Bundle 36 ch Recording Software



Hardware	
CPU	Multimedia SoC
RAM	256MB
Flash	16MB
Image sensor	1 / 2.7" Mega-Pixel CMOS sensor
Sensitivity	Color : 0.1 Lux (AGC ON) B / W: 0.05 Lux (AGC ON)
Lens Type	2.8mm @ F2.0
View Angle	111.10°(H), 65.10°(V)
I/O	1 DI / 1 DO
Video Output	N/A
ICR	Mechanism IR cut Filter
Audio	G.711(64K) and G.726(32K,24K) audio compression Input : Mic built-in Output : 3.5mm phone jack, or Speaker Support 2-way audio
PIR	Yes
Power over Ethernet	Yes
Power Consumption	DC 12V Max: 3.6W (IR ON); 2.76W (IR OFF) PoE Max: 4.3W (IR ON); 3.3W (IR OFF)
Operating Temperature	0°C ~ 45°C
Dimensions	62mm x 100(mm)x 44(mm)
Weight	230g
IR LEDs	
LEDs	4 LEDs, 850nm,
IR distance	8M
Network	
Ethernet	10/ 100 Base-T
Network Protocol	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour
Wireless (Option)	
Wireless	802.11b/g/n
WPS	Yes



	Security	WEP,WPA-PSK,WPA2-PSK
Power Consumption		DC 12V Max: 3.96W (IR ON); 3W (IR OFF)
System		
Video Resolution		1920x1080@30fps, 1280x720@30fps, 640x480@30fps, 320x240@30fps, 176x144@30fps
Video Adjust		Brightness, Contrast, Hue, Saturation, Sharpness, AGC, Shutter Time, Sense-Up, D-WDR, Anti Fog, Lens Distortion Correction, Flip, Mirror, Day&Night Adjustable, Red Gain and Blue Gain, Denoise
Triple Streaming		Yes
Image Snapshot		Yes
Full Screen Monitoring		Yes
Privacy Mask		Yes, 3 different areas
Compression Format		H.264/ M-JPEG
Video Bitrates Adjust		CBR, VBR
Motion Detection		Yes, 3 Different Areas
Triggered Action		Mail, FTP, Save to SD card, Samba, DO
Pre/ Post Alarm		Yes, configurable
Security		Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection, QoS/DSCP
Firmware Upgrade		HTTP mode, can be upgraded remotely
Simultaneous Connection		Up to 10
Micro SD card management		
Recording Trigger		Motion Detection, IP check, Network break down (wire only),Schedule, DI
Video Format		AVI, JPEG
Video Playback		Yes
Delete Files		Yes
Web browsing requirement		
OS		Windows 7, 2000, XP, 2003, Microsoft IE 6.0 or above, Chrome, Safari, Firefox.
Mobile Support		iOS 4.3 or above, Android 1.6 or above.
Hardware Suggested		Intel Dual Core 2.53G, RAM: 1024MB, Graphic card:



	128MB
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*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

