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## HLZ-79ED (4.2X) Specifications



### Main Features:

1. Full HD 1080P Real Time
2. 3D+2D Digital Noise Reduction
3. Digital Wide Dynamic Range
4. Power over Ethernet Available
5. IR LED Built in 25M Available
6. Smart Focus System for Remote Focus Adjustment
7. H.264/ M-JPEG Compression
8. Micro SD Card Backup(Optional)
9. 2-way Audio
10. Video Output
11. IP66
12. Support iPhone/iPad/Android
13. SDK for Software Integration
14. Free Bundle 36 Ch Recording Software

Hardware	
CPU	Multimedia SoC
RAM	256MB
Flash	16MB



Image Sensor	1/2.7" Megapixel CMOS Sensor	
Sensitivity	Color: 0.05 Lux (AGC ON) B / W: 0.01 Lux (AGC ON)	
Lens Type	2.8-12mm 4.2X Bulid-in Zoom Lens @ F1.4	
View Angle	38.3°~100.3°(H), 20.9°~52.1°(V)	
I/O	1 DI/ 1 DO	
ICR	Mechanism IR cut Filter	
Video Output	Yes	
Audio	G.711(64K) and G.726(32K,24K) audio compression Input: 3.5mm phone jack, audio in Output: 3.5mm phone jack, Support 2-way.	
Power over Ethernet	Yes, PoE Class 0 (IEEE802.3af)	
Power Consumption	DC 12V: 5.76W(IR ON), 2.88W(IR OFF) PoE: 7.20W(IR ON), 3.84W(IR OFF)	
Operation Temperature	-10 °C~ 50°C	
Dimensions	77.4 mm (∅) x 172 mm (H)	
Weight	920g	
<b>IR LEDs</b>		
LEDs	28 Units 5φ + 2 Units High Power, 850nm	
IR Distance	25M	
<b>Network</b>		
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	
<b>Wireless (Optional)</b>		
	Wireless	802.11b/g/n
	Security	WEP,WPA-PSK,WPA2-PSK
<b>System</b>		



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, DO, Samba
Pre/ Post Alarm	Yes, configurable
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection
Firmware Upgrade	HTTP mode, can be upgraded remotely
Simultaneous Connection	Up to 10
<b>Micro SD Card Management (Optional)</b>	
Recording Trigger	Motion Detection, IP check, Network break down (wire only), Schedule, DI
Video Format	AVI, JPEG
Video Playback	Yes
Delete Files	Yes
<b>Client System Requirement</b>	
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

\*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

