D-Link®
Building Networks for People

Product Highlights

Transform Your Mobile Device Into a Baby Monitor

Whether you're at home or away at work, you can conveniently watch over your baby on your iPhone®, iPad®, or Android™ mobile device

Catch Everything with Pan and Tilt

Pan and tilt lets you move the camera to get the perfect view, even when you're not there; it's ideal for keeping watch over an entire playroom

Full-featured yet Simple to Use

The free mobile app gives you effortless access to advanced features like 2-way audio, notifications, lullabies, snapshots, video recording, and more

mydlink **cloud** services

DCS-850L
Wi-Fi Baby Camera

Features

Camera

- VGA resolution (640 x 480) for a detailed image
- Infrared night vision provides all-day monitoring
- 802.11n wireless for flexible camera placement
- Whisper-quiet pan and tilt functionality lets you cover an entire room with ease
- Can be powered by an external USB battery[1]
- 5 different gentle lullabies built-in
- Interchangeable accent color rings and covers

Intelligent Baby Monitoring

- Sound detection alerts you to noises or crying
- Motion detection lets you know if the camera detects movement
- Temperature monitoring informs you if the room becomes too hot or cold
- Notifications can be sent to your mobile device for detected events
- Two-way audio lets you hear your baby and allows you to respond and calm your child [2]

Convenient Control From Your Mobile Device

- Uses the free mydlink Baby app for iPhone, iPad, and Android devices [3]
- The mydlink Baby app helps you set up your device and gives you easy access to all functions

Watch over your child anytime, anywhere with the DCS-850L Wi-Fi Baby Camera. Pan/tilt functionality lets you move the camera remotely; monitor an entire playroom with ease from your mobile device! With night vision, temperature monitoring, sound and motion detection, 2-way audio, notifications and more, the DCS-850L keeps you connected to your family.

Peace of Mind, Anywhere, Anytime

The Wi-Fi Baby Camera is specially designed to make it easy for you to care for your baby. Its versatile all-day monitoring turns on night vision automatically when it gets dark, giving you a clear picture day or night so you can keep an eye on things anytime. Receive notifications when sound, motion, or a temperature change is detected. Not only can you see and hear your infant, but you can also comfort them with one of five gentle lullabies or even the sound of your voice through two-way audio. [2]

It's perfect for use in the home, or even when you're away; it's mydlink-enabled, which means that you can access your camera remotely over the Internet on your PC or mobile device. Check on your baby while in the office, and take snapshots and video of your little one and save them to your mobile device.
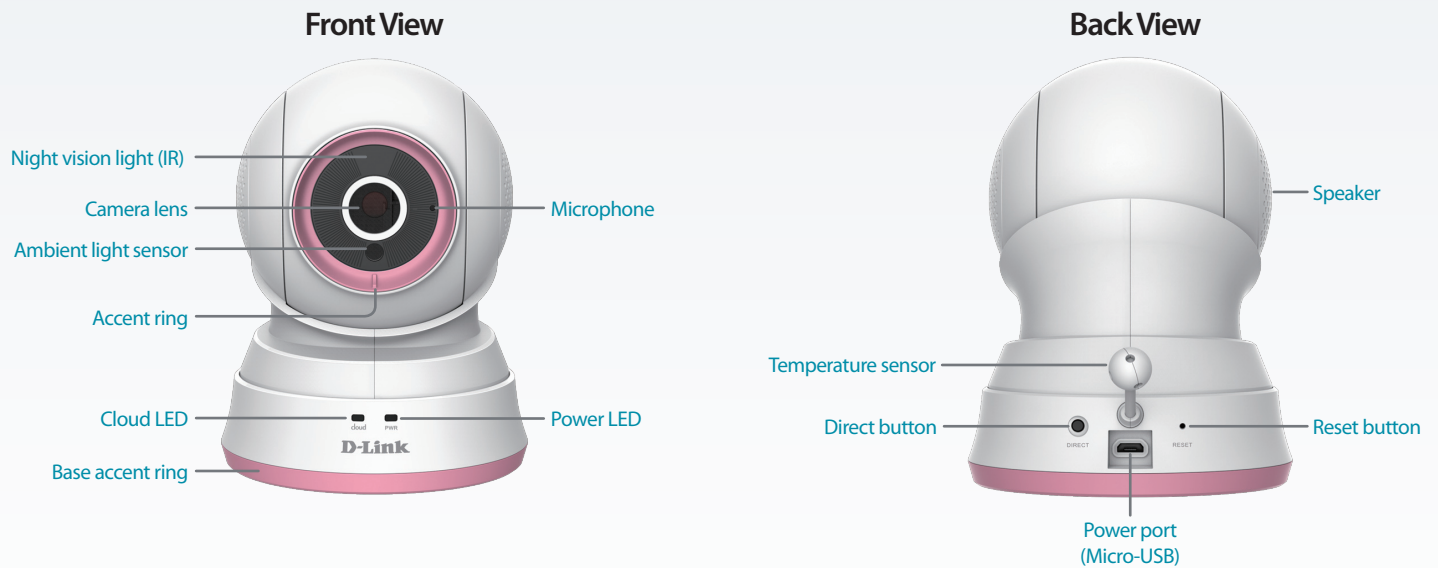
Pan/Tilt for Corner to Corner Coverage

Unlike most baby monitors, the Wi-Fi Baby Camera can pivot up, down, left, and right at your command, giving you the ability to watch over a large room effortlessly. Whisper quiet motors let you move the camera's view without waking your sleeping child.

Perfectly Portable for Instant Monitoring Anywhere

You can take the Wi-Fi Baby Camera with you when traveling with your child, even when there is no available Internet connection. Just connect your mobile device to the Wi-Fi Baby Camera's wireless network for instant local monitoring, making it perfect for family vacations or just visiting friends. You can even connect it to an external USB battery[1] for total portability!

Super Simple to Use

Getting started is a snap; the free mydlink Baby app for iPhone, iPad, and Android mobile devices not only guides you step by step through the setup process, but also gives you an easy to use interface for all the advanced features of the Wi-Fi Baby Camera. Check on your baby at a glance, pinch to zoom in and out with ease, or play one of five gentle lullabies to soothe your child. You can even take snapshots and video clips and save them directly to your mobile device!

Front View

Night vision light (IR)
Camera lens
Ambient light sensor
Accent ring
Cloud LED
Base accent ring
Microphone
Power LED

Back View

Temperature sensor
Direct button
Speaker
Reset button
Power port (Micro-USB)

Technical Specifications

Camera

Camera Hardware Profile	• 1/5"VGA CMOS sensor
	• Built-in Infrared-Cut Removable (ICR) Filter module
	• 5 meter IR illumination distance
	• Minimum illumination: 0 lux with IR LED on
	• Built-in microphone and speaker
	• Digital zoom
	• Pan range: -170° to 170°
	• Tilt range: -25° to 95°
		• Focal length: 2.44 mm
		• Minimum object distance: 500 mm
		• Aperture: F2.4
		• Angle of view:
		  • (H) 57°
		  • (V) 42°
		  • (D) 68°

Connectivity	• 802.11 b/g/n wireless with WEP/WPA/WPA2 support • Operates over the 2.4 GHz frequency band	• Single-band 1T1R mode supports a maximum data rate of 72.2 Mbps (PHY rate) using 20 MHz bandwidth
External Device Interfaces	• Reset button • Direct button	• Power port (Micro-USB)
LEDs	• PWR LED: Link/Activity/Power	• Cloud LED: Cloud/Direct Mode
Image Features	• Time stamp overlay	
Video Compression	• MJPEG format video compression	• JPEG for still images
Video Resolutions	• 640 x 480	
Audio Support	• PCM	• 5 built-in lullabies
Baby Monitoring Features	• Sound detection with adjustable sensitivity • Motion detection with adjustable sensitivity • Temperature detection with configurable alert range	• Sends notifications when sound or motion is detected • 2-way audio lets you listen and respond to your child [2]
Mobile App	• mydlink Baby Camera Monitor app available on the App Store® and Google Play™	• Compatible with iPhone, iPad, and Android smartphones or tablets [3]

Network

Network Protocols	• IPv4 • ARP • TCP/IP • UDP • ICMP	• DHCP client • HTTP • HTTPS (for configuration) • UPnP port forwarding
Security	• Administrator protection • Password authentication	• HTTP authentication

Physical

Dimensions (L x W x H)	• 124.5 x 98.8 x 130.5 mm (4.9 x 3.9 x 5.1 inches)	
Weight	• 340 g (12 oz) ± 5%	
Power Input	• 5 V DC / 1.5 A, 50/60 Hz power adapter	• Can be powered by an external USB battery with at least 2 A output
Power Consumption	• 6 watts max. ± 5%	
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	• Operating: 20% to 80% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• CE • CE LVD • FCC Class B	• IC • C-Tick • Photobiological Safety
Dimensions Diagram		

Order Information

Part Number	Description
DCS-850L	Wi-Fi Baby Camera

¹ USB battery not included, requires at least 2 A output.
² Two-way audio is half-duplex.
³ Please refer to the mobile app's store page to check whether your device is compatible.

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