

**180° Field of View**

180-degree wide-angle lens gives you a complete picture

**1080p Full HD**

Full HD 1920 x 1080 resolution for detailed video

**Local Storage**

Record video clips and images to a microSD card for backup

**Motion Detection**

Motion detection feature automatically captures events and sends alerts

**Two-Way Audio**

Built-in microphone and speaker for two-way audio communication

**Night Vision**

IR LEDs lets you see up to 5m (16 ft.) in complete darkness



Download on the
App Store



Works with
Apple HomeKit

View live video, receive motion detection notifications, playback recorded videos, and more. Download the free Omna app for iPhone, iPad, and iPod Touch from the App Store.¹

A NEW PERSPECTIVE

The Omna 180 Cam HD is D-Link's first HomeKit-enabled camera and combines the company's long history of producing award-winning network surveillance devices with the Apple HomeKit ecosystem. The DSH-C310's elegant, stylish design fits effortlessly into the modern home, while still packing a full suite of high-end features including a 180-degree wide-angle lens, Full HD 1080p resolution, two-way audio, night vision, and a microSD card slot.

Simply place the camera against a wall and the 180-degree wide-angle lens can capture the entire room on its own. Full HD 1080p resolution allows users to see every little detail. Infra-red (IR) LEDs are hidden behind the black bands on either side of the lens, and are only visible when the camera is operating in dark environments. To meet today's on-the-go lifestyle, the Omna 180 Cam HD can be used directly from your iPhone®, iPad®, or iPod® touch, or use the free Omna app for more control and advanced settings—so you can rest assured knowing you'll receive instant notifications no matter where you are.³



Technical Specifications		
Camera		
Camera Hardware Profile	<ul style="list-style-type: none"> • 1/3" 3 Megapixel progressive CMOS sensor • 5-meter IR illumination distance • Minimum illumination: <ul style="list-style-type: none"> • 0.3 lux (IR off; color mode) • 0 lux (IR on; B/W mode) • Built-in Infrared-Cut Removable (ICR) Filter module 	<ul style="list-style-type: none"> • Aperture: F2.0 • Angle of view: <ul style="list-style-type: none"> • (H) 180° • (V) 66° • (D) 180°
Camera Housing	<ul style="list-style-type: none"> • Aluminum housing 	
LED Indicators	<ul style="list-style-type: none"> • Power/Status LED 	
Image Features	<ul style="list-style-type: none"> • Automatic image size and quality adjustment based on network quality² • Configurable motion detection windows 	<ul style="list-style-type: none"> • Pre-event recording
Video Compression	<ul style="list-style-type: none"> • Simultaneous H.264/MJPEG format compression 	<ul style="list-style-type: none"> • H.264 SRTP streaming
Video Resolution ⁵	<ul style="list-style-type: none"> • 16:9 at 1920 x 1080, 1280 x 720, 640 x 360 up to 30 fps 	
Audio Support	<ul style="list-style-type: none"> • AAC 	
External Device Interface	<ul style="list-style-type: none"> • Built-in microphone/speaker (5-meter range) 	<ul style="list-style-type: none"> • microSD card slot⁴
Network		
Network Protocols	<ul style="list-style-type: none"> • IPv6 • IPv4 • ARP • TCP/IP • UDP • ICMP 	<ul style="list-style-type: none"> • DHCP client • NTP client (D-Link) • DNS client • Bonjour • HTTPS configuration
Wireless Security	<ul style="list-style-type: none"> • WPA/WPA2-PSK 	
System Management		
Event Management	<ul style="list-style-type: none"> • Motion detection 	<ul style="list-style-type: none"> • Event notification
General		
Weight	<ul style="list-style-type: none"> • 232 grams (8.18 ounces) 	
Dimensions (L x W x H)	<ul style="list-style-type: none"> • 58 x 58 x 132.2 mm (2.28 x 2.28 x 5.21 inches) 	
External Power Adapter	<ul style="list-style-type: none"> • Input: 100 to 240 V AC, 50/60 Hz 	<ul style="list-style-type: none"> • Output: 5 V DC, 2 A
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> • Storage: -20 to 70° C (-4° to 158° F)
Humidity	<ul style="list-style-type: none"> • Operating: 20% to 80% non-condensing 	<ul style="list-style-type: none"> • Storage: 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> • CE • CE LVD • ICES • SRRC • TRA 	<ul style="list-style-type: none"> • VCCI • FCC • NCC • KCC • C-Tick

Order Information

<i>Part Number</i>	<i>Description</i>
DSH-C310	180 Cam HD

¹ To control this HomeKit-enabled accessory automatically and away from home, an Apple TV with tvOS 10.1 or later or an iPad with iOS 10.1 or later and an iPhone or iPad with iOS 10.1 or later is recommended.

² The resolution and frame rate will be adjusted automatically based on network quality. The quality of HD streaming is dependent on network bandwidth.

³ Notification transmission may be dependent on network stability and other extraneous factors.

⁴ A microSD card is not included. SDHC Class 10 is recommended. Supports microSDXC cards up to 128GB (card not included).

⁵ Video clips are recorded at 720p resolution.

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