



3K Pan and Tilt Outdoor Wi-Fi Camera

DCS-8530

Key Features

- 3K (2880x1620) high resolution for sharper images
- Dual-band (2.4 GHz / 5 GHz) Wi-Fi connectivity supporting MIMO
- Color night vision provides full-color video in low-light conditions, while IR night vision supports visibility up to 15 m (49.2 ft) in complete darkness
- AI-based algorithm intelligently detects human motion⁶
- Continuous recording to local microSD^{1,2}
- WPA3 and TLS encryption for enhanced protection
- Connect to ONVIF-compatible NAS/NVR/VMS for local recording
- Anytime, anywhere access via the mydlink App
- Convenient voice command using Google Assistant and Alexa⁵



User Benefits



3K Quality

Enjoy clearer, more detailed live video with 3K resolution



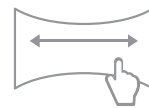
AI-based Person Detection

Intelligently identifies human motion to keep you informed⁶



Auto Motion Tracking

Automatically pans and tilts to follow moving subjects



Panorama View Angle Selection

Focuses on specific areas within the camera's view



Vehicle Detection

Receive notifications for vehicle activity to help protect your property



Dual-band Connectivity

Flexible connections and improved stability with dual-band (2.4 GHz / 5 GHz) Wi-Fi



IP66 Outdoor Protection

IP66-rated weatherproofing protects the camera from rain and dust



Color Night Vision

See and record full-color video in low-light and nighttime conditions

Technical Specifications

General		
Hardware Profile	<ul style="list-style-type: none"> • 1/2.7" Progressive CMOS sensor • 15 m (49.2 ft) IR illumination distance • Built-in Infrared-Cut Removable (ICR) filter module • Focal length 4 mm • Aperture F2.0 	<ul style="list-style-type: none"> • Angle of view (16:9): <ul style="list-style-type: none"> • Horizontal: 85.6° • Vertical: 44.8° • Diagonal: 106.6° • Built-in microphone and speaker
Image Features	<ul style="list-style-type: none"> • Configurable image size • Person detection⁶ 	<ul style="list-style-type: none"> • Vehicle detection
Video Compression	H.264 format	
Max Video Resolution	5MP resolution (2880×1620)	
Audio Support	MPEG-2 AAC LC	
Pan/Tilt		
Pan Range	-175° to +175° (total 350°)	
Tilt Range	0° to +90° (total 90°)	
Network		
Connectivity	<ul style="list-style-type: none"> • 802.11n/ac wireless • Wi-Fi operates on 2.4 GHz and 5 GHz bands³ 	<ul style="list-style-type: none"> • Bluetooth Low Energy 5.0
Network Protocols	<ul style="list-style-type: none"> • IPv4, IPv6 	<ul style="list-style-type: none"> • DHCP/DHCPv6 Client
Security Protocols	<ul style="list-style-type: none"> • WPA3™ 	<ul style="list-style-type: none"> • TLS
System Integration		
Event Management	<ul style="list-style-type: none"> • Person detection⁶ • Motion detection • Vehicle detection • Push notifications 	<ul style="list-style-type: none"> • Cloud recording^{1,7} • Sound detection • microSD card recording^{1,2}
Device Management	<ul style="list-style-type: none"> • mydlink App (iOS and Android™)⁵ 	<ul style="list-style-type: none"> • mydlink portal
Physical		
Weight	320 g (11.3 oz)	
Power Adapter	<ul style="list-style-type: none"> • Input: 100 to 240 V AC, 50/60 Hz 	<ul style="list-style-type: none"> • Output: DC 12 V/1.0 A (DC Jack)
Temperature	<ul style="list-style-type: none"> • Operating: -20 to 50 °C (-4 to 122 °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 90% non-condensing 	<ul style="list-style-type: none"> • Storage: 5% to 90% non-condensing
Dimensions (L x W x H)	118.5 x 110.5 x 116.5 mm (4.67 x 4.35 x 4.59 in)	
Certifications	<ul style="list-style-type: none"> • FCC • CE 	

1. Use of audio or video equipment for recording the image or audio of a person without their knowledge and consent is prohibited in certain states or jurisdictions.

The end-user assumes all liability for compliance with applicable state, local and federal laws.

2. microSD card not included. Supports capacity up to 512GB. To ensure microSD card compatibility, refer to the microSD Card Compatibility Guide on the product page.

3. Supported frequency bands are dependent on regional variants and may not be available in all markets.

4. Actual performance may vary due to settings, cabling, temperature, network configuration, interface, device compatibility, environmental and on-site conditions, and other similar factors. References to power capability, signal or processing speed, signal range or distance, data encryption, storage capacity, display properties, or other performance metrics are based on optimal conditions derived from industry standards and provided for informational purposes only.

5. Google, Android and Google Home are trademarks of Google LLC.

6. The performance of AI-related functions varies depending on installation angle and environmental conditions.

7. Requires mydlink cloud subscription and stable internet connection. Features and service availability may vary by region and model. Encryption technology enhances privacy, but no system is 100% secure.

8. Specifications may be subject to change without prior notice.