# 2.5K ViviDark™ Color Night Vision Outdoor Wi-Fi Camera

**DCS-8830**

## Key Features

- 2.5K QHD 1440p resolution (approximately 4× HD clarity)
- Vivid color vision in extremely low-light conditions
- AI-based person, vehicle, and pet detection[3]
- Motion and sound detection
- Continuous recording to local microSD[2]
- WPA3 and TLS encryption for enhanced security
- ONVIF-compatible with NAS, NVR, and VMS for local recording
- Remote access anytime, anywhere via the mydlink app
- Voice control works with Amazon Alexa or Google Home[4]






## User Benefits

**2.5K QHD Quality**

2.5K QHD 1440p resolution for superior live video clarity

**ViviDark Vision**

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

**AI-Based Person Detection[3]**

Intelligently identifies human motion to keep you informed

**AI-Based Vehicle Detection[3]**

Receive vehicle alerts to help keep your property protected

**AI-Based Pet Detection[3]**

Pet detection identifies pets and keeps you connected in real time

**IP65 Outdoor Protection**

IP65-rated weatherproof shields the camera from rain and dust in outdoor installations

**Two-way Audio**

Real-time communication lets you speak and respond instantly

**WPA3 Protection**

Helps protect Wi-Fi network with stronger encryption

# Technical Specifications

| | | |
|---|---|---|
| **General** | | |
| Hardware Profile | • 1/1.8" CMOS sensor<br>• Focal length 4.3 mm<br>• Aperture F1.0<br>• Built-in microphone and speaker<br>• White light LED | • Angle of view (16:9):<br>  • Horizontal: 93°<br>  • Vertical: 50°<br>  • Diagonal: 110° |
| Image Features | • Configurable image size<br>• Anti-flicker | • Invert Image |
| Video Compression | H.264 format | |
| Max Video Resolution | 4MP resolution: 1440p (2560x1440) | |
| Audio Support | MPEG-2 AAC LC | |
| **Network** | | |
| Connectivity | • 802.11n/ax wireless<br>• Wi-Fi operates on 2.4 GHz | • Bluetooth Low Energy 5.2 |
| Network Protocols | • IPv4<br>• DHCP | • ONVIF Profile S |
| Security Protocol | • WPA™ | • TLS |
| **System Integration** | | |
| Event Management | • Person detection[3]<br>• Pet detection[3]<br>• Vehicle detection[3]<br>• Motion detection | • Sound detection<br>• Cloud recording[5]<br>• microSD card recording[2]<br>• Push notifications |
| Device Management | • mydlink app (iOS and Android™)[4] | • mydlink portal |
| **Physical** | | |
| Weight | 105 g (3.7 oz) | |
| Power Adapter | • Input: 100 to 240 V AC, 50/60 Hz | • Output: DC 5V/1A (USB Type-C) |
| Temperature | • Operating: -20 to 50 °C (-4 to 122 °F) | • Storage: -20 to 70 °C (-4 to 158 °F) |
| Humidity | • Operating: 20% to 90% non-condensing | • Storage: 5% to 90% non-condensing |
| Dimensions (L x W x H) | 56 x 57 x 123 mm (2.2 x 2.24 x 4.84 in) | |
| Certifications | • FCC<br>• 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. The performance of AI-related functions varies depending on installation angle and environmental conditions.
4. Google, Android and Google Home are trademarks of Google LLC.
5. 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.
6. 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.
7. Specifications may be subject to change without prior notice.

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