# DAHUA-5180

DH-HAC-HFW1231RP-Z-A-2712

## Dahua Lite 4-in-1 2MP camera with Starlight and motorised lens

- Dahua Lite Starlight 4-in-1 camera
- Motorized lens 2.7~12 mm with autofocus
- Smart IR of 80 m
- Real WDR 130 dB and 3D NR
- Coaxial audio with integrated microphone
- IP67 protection
- 12V DC power supply.

| Reference / Model | DAHUA-5180 / DH-HAC-HFW1231RP-Z-A-2712 |
|---|---|
| **Technical features** | |
| 1/2.8" CMOS sensor | |
| Maximum resolution 1080P (1920×1080) | |
| Minimum illumination 0.002 lux at F1.5, 30 IRE, 0 lux with IR activated | |
| Smart IR up to 80 m | |
| Automatic illuminator control | |
| 4 IR illuminators | |
| Motorized lens 2.7 mm to 12 mm autofocus IR illuminators | |
| φ14 mount | |
| Maximum aperture F1.5 | |
| Diagonal angle of view from 38° to 123°. | |
| Horizontal angle of view from 33° to 102°. | |
| Vertical angle of view from 19° to 53°. | |

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|---|---|
| Minimum focusing distance of 0.5 m (0.5 ft) | |
| **Video** | |
| CVI: 1080P@25 fps in PAL and 1080P@30 fps in NTSC | |
| AHD: 1080P@25 fps in PAL and 1080P@30 fps in NTSC | |
| TVI: 1080P@25 ips in PAL and 1080P@30 ips in NTSC | |
| CVBS: 960H | |
| Resolutions 1080P (1920×1080) and 960H (960×576/960×480) | |
| Switchable video output CVI, TVI, AHD and CVBS via BNC port | |
| Auto day/night switching via ICR | |
| **Functionalities** | |
| BLC, HLC, 130 dB real WDR | |
| Auto and area white balance | |
| Automatic and manual gain control | |
| 3D NR noise reduction | |
| Smart Illumination | |
| Super Adapt | |
| Mirror | |
| Off/On Privacy Mask with 8 rectangular areas | |
| **Audio** | |
| Built-in 1-channel microphone | |
| Coaxial audio | |
| **Communication interface** | |
| 1 BNC port for CVI, TVI, AHD and CVBS video output | |
| **Power supply** | |
| 12V DC ±30% power supply | |
| Maximum power consumption 9.4 W with IR on | |
| **Environmental** | |

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|---|---|
| Operating temperature -30 °C to +60 °C (-30 °C to +60 °C) | |
| Storage temperature -30 °C to +60 °C (-30 °C to +60 °C) | |
| Operating humidity below 95 % non-condensing | |
| Storage humidity less than 95 % non-condensing | |
| Degree of protection IP67 | |
| **Physical characteristics** | |
| Full metal housing | |
| 209.6 mm × 90.4 mm × 90.4 mm dimensions | |
| Net weight 0.55 kg | |
| Gross weight 0.76 kg | |
| **Contents** | |
| Dahua Lite **DAHUA-5180** 4-in-1 Camera (DH-HAC-HFW1231RP-Z-A-2712) | |
| **Certifications and standards** | |
| CE: EN55032:2015, EN 61000-3-2-2:2014, EN 61000-3-3-3:2013, EN55024:2010+A1:2015, EN 55035:2017, EN50130-4:2011+A1:2014, EN 62368-1:2014+A11:2017 | |
| FCC: CFR 47 FCC Part 15 subpart B, ANSI C63.4-2014 | |
| UL: UL60950-1 and CAN/CSA C22.2 No.60950-1 | |