DAHUA-5166

DH-HAC-HDW1231TLMQP-0280B

Dahua Lite 4-in-1 2MP dome with Starlight

- Dahua Lite Starlight 4-in-1 quick-to-install dome
- 2MP@25/30ips
- 2.8mm Fixed lens
- 30m Smart IR
- Real WDR 130 dB and 3D NR
- Switchable CVI/CVBS/AHD/TVI output
- IP67 protection
- 12V DC power supply

Reference / Model	DAHUA-5166 / DH-HAC-HDW1231TLMQP-0280B
Technical features	
Dahua Lite quick-to-install 4-in-1 dome	
1/2.8" CMOS sensor	
Maximum resolution 1080P (1920×1080)	
Minimum illumination of 0.002 lux at F1.6, 30 IRE	
0 lux with IR activated	
IR illumination up to 30 m	
Automatic and manual illuminator control	
1 IR illuminator	
Fixed lens 2.8 mm illuminator	
M12 mount	
Maximum aperture F1.6	
Angle of view 107° horizontal, 56° vertical and 127° diagonal	

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Minimum focusing distance of 0.7 m	
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 CVI, TVI, AHD and CVBS video output via BNC port	
Automatic day/night switching via ICR	
Functionalities	
BLC, WDR and HLC	
130 dB real WDR	
Auto and area white balance	
Automatic and manual gain control	
3D NR noise reduction	
Smart IR	
Super Adapt	
Mirror Off/On	
Off/On privacy mask with 8 rectangular areas	
Quick-to-install system to reduce installation time	
Communication interface	
1 BNC port for CVI, TVI, AHD and CVBS video output	
Power supply	
12V DC ±30% power supply	
Maximum power consumption of 3.1 W with IR on	
Environmental	
Operating temperature -40 °C to +60 °C (-40 °C to +60 °C)	

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Storage temperature -40°C to +60°C (-40°F to +60°F)	
Operating humidity below 95 % non-condensing	
Storage humidity less than 95 % non-condensing	
Degree of protection IP67	
Physical characteristics	
Housing with metal dome, metal cover and plastic decorative ring	
3AXIS with horizontal adjustment from 0° to 360°, vertical adjustment from 0° to 78° and rotation from 0° to 360°.	
Dimensions Φ109.9 mm × 88.1 mm	
Net weight 0.28 kg	
Gross weight 0.45 kg	
Contents	
DAHUA-5166 4-in-1 quick-to-install dome (DH-HAC-HDW1231TLMQP-0280B)	
Certifications and standards	
CE: EN55032, EN55024, EN50130-4	
FCC: CFR 47 FCC Part 15 subpart B, ANSI C63.4-2014	
UL: UL60950-1 and CAN/CSA C22.2 No.60950-1	