

## BulletCam HL (5 Mp/4 mm)

Wired AI-powered security IP camera with a 85° viewing angle, hybrid illumination, TrueWDR, microphone, and PoE/12 V. For outdoor and indoor use.

**Camera**

**Image sensor**

5 MP CMOS, 1/2.8" type

**Lens focal length**

4 mm

**Maximum aperture**

f/1.6

**Lens iris type**

fixed

**Lens focal type**

fixed

**Field of view**

horizontal: 85°

vertical: 46°

diagonal: 110°

**Maximum illumination distance**

- white LED: up to 50 m
- IR LED: up to 50 m
- white LED: up to 164 ft
- IR LED: up to 164 ft

Intelligent lighting control automatically adjusts the intensity of IR and white LEDs in real time to prevent overexposure. This ensures clear visibility of objects at varying distances — whether close to or far from the camera — in low-light conditions.

<b>Video</b>	<p><b>Resolution</b></p> <ul style="list-style-type: none"><li>• 5 MP (2880 × 1620)</li><li>• 4 MP (2560 × 1440)</li><li>• 3 MP (2304 × 1296)</li><li>• 2 MP (1920 × 1080)</li><li>• 0.6 MP (1024 × 576)</li></ul> <p><b>Frame rate</b> up to 25 fps</p> <p><b>Image rotation</b> 0°, 180°</p> <p><b>Video codec</b> H.265, H.264</p> <p><b>Dynamic range</b> True WDR</p> <p><b>Storage</b> microSD <a href="#">Ajax NVR</a> The camera supports microSD up to 256 GB. The memory card should be Class V30 or faster. The card is not included in the complete set.</p>
<b>Audio</b>	<p><b>Built-in microphone</b> With the corresponding settings, the camera can record audio at the scene.</p> <p><b>Audio codec</b> G711-ULAW, G711-ALAW, G726, G722</p>
<b>Intelligent video analytics</b>	<p><b>Motion detection</b> The camera detects motion using software image frame analysis.</p> <p><b>AI object detection</b> People Pets Vehicles</p>

<b>Network</b>	<p><b>Port</b> 1 × RJ-45 self-adaptive Ethernet (10/100 Mbps)</p> <p><b>Protocol</b> HTTP, HTTPS, TCP/IP, IPv4, IPv6, SNMP, RTSP, UDP, DHCP, DNS, DDNS</p> <p><b>Interoperability</b> ONVIF (Profile S/T*) Ajax cameras and NVRs can be integrated into third-party video management systems (VMS). * Profile T is supported for basic streaming and configuration. Advanced features such as metadata, event handling, or edge recording may be unavailable. <a href="#">Learn more</a></p>
<b>Key features</b>	<p><b>Video protocol</b> JetSparrow Fast and encrypted peer-to-peer video protocol developed by Ajax Systems.</p> <p><b>Visual verification of Ajax alarms</b> The system allows you to configure a scenario according to which Ajax detectors trigger selected cameras to start recording. The recorded event is immediately delivered to the mobile or desktop monitoring app.</p> <p><b>Privacy</b> Advanced privacy controls ensure a high level of personal data protection. All access rights – including those for mobile app users, installers, and monitoring company operators via Ajax PRO Desktop – are fully configurable by the device owner. This guarantees that only authorized parties can access video streams, event history, or device settings, in accordance with the owner’s preferences.</p>
<b>Sabotage protection</b>	<p><b>mTLS</b> Encrypted connection for data protection.</p> <p><b>Authentication</b> via Ajax Cloud</p> <p><b>Secure Boot</b> Protection against firmware spoofing.</p> <p><b>OTA signature verification</b> Secure automatic firmware update.</p>

Power supply	<p><b>PoE standard</b> 802.3at/af</p> <p><b>PoE power consumption</b></p> <ul style="list-style-type: none"><li>• maximum: up to 7.3 W</li><li>• average: up to 6.0 W</li></ul> <p><b>Power supply unit</b> 12 V= ± 20%, 1 A</p> <p><b>12 V DC power consumption</b></p> <ul style="list-style-type: none"><li>• maximum: up to 6.2 W</li><li>• average: up to 5.1 W</li></ul>
Enclosure	<p><b>Dimensions</b> 198 × 76 × 76 mm 7.78" × 2.99" × 2.99"</p> <p><b>Weight</b> 550 g 1.21 lb</p> <p><b>Operating temperature range</b> from −30 °C to +60 °C from −22 °F to 140 °F</p> <p><b>Operating humidity</b> up to 90%</p> <p><b>Protection class</b> IP65</p>
Color	<p><b>Black</b></p> <p><b>White</b></p>
Complete set	<p>BulletCam HL (5 Mp/4 mm)</p> <p>Installation template</p> <p>Installation kit</p> <p>Quick start guide</p>
Warranty	<p>24 months</p>