# TurretCam

Wired IP camera

| **Compatibility** | **Control panels**  Hub  Hub Plus  Hub 2 (2G)  Hub 2 (4G)  Hub 2 Plus  Hub Hybrid (2G)  Hub Hybrid (4G)  **Video recorders**  NVR |
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| **Models** | **5 MP/2.8 mm**   * Resolution up to 2880 × 1620 px * Frame rate 25 FPS * Viewing angle from 100° to 110°   **5 MP/4 mm**   * Resolution up to 2880 × 1620 px * Frame rate 25 FPS * Viewing angle from 75° to 85°   **8 MP/2.8 mm**   * Resolution up to 3840 × 2160 px * Frame rate 20 FPS * Viewing angle from 100° to 110°   **8 MP/4 mm**   * Resolution up to 3840 × 2160 px * Frame rate 20 FPS * Viewing angle from 75° to 85° |
| **Videostream** | **Video protocol**  JetSparrow  Fast and encrypted peer-to-peer video protocol developed by Ajax Systems.  **Storage**  NVR  microSD  Memory storage device not included.  **Codecs**  H.265  H.264  **Dynamic ranges**  HDR  WDR |
| **Communication channel** | **Ethernet**  up to 100 Mbps |
| **Key features** | **Motion detection**  The camera has software to detect motion in the frame.  **Object detection**  using AI   * Humans. * Pets. * Vehicles.   **Smart IR illumination**  up to 50 m  Automatic adjustment of intensity in real time to avoid overexposure. This allows you to see objects that are far away or too close to the camera in low light conditions.  **Active zone**  The camera focuses on certain areas of its view where the device will detect motion.  **Visual verification of Ajax alarms**  The system allows you to set up a scenario when Ajax detectors activate selected cameras to start recording. The result is immediately sent to the mobile or desktop monitoring app.  **Microphone**  With the corresponding settings, the camera records sound at the object. |
| **Power supply** | **Power supply unit**  12 V⎓ ± 20%, 1 А  Up to 7,5 W of mains power consumption.  **Ethernet port**  PoE Standard 802.3at |
| **Sabotage protection** | **mTLS**  Encrypted connection for data protection.  **Authentication**  via Cloud  Without local access rights.  **Secure Boot**  Protection against firmware spoofing.  **OTA signature verification**  Secure automatic firmware update.  **Privacy**  Access rights distribution for users in mobile apps and for monitoring operators in PRO Desktop. |
| **Enclosure** | **Dimensions**  103 × 98 × 98 mm  4.05″ × 3.86″ × 3.86″  **Weight**  496 g  17.50 oz  **Operating temperature range**  from −30 °C to +60 °C  from −22 °F to 140 °F  **Operating humidity**  up to 90%  **Protection class**  IP65 |
| **Colours** | **Black**  **White** |
| **Complete set** | TurretCam  Installation template  Installation kit  Quick start guide |
| **Warranty** | 24 months |