



## 6MP Speed Dome Camera: AMG-UKSDC-6230-IP



**6MP**  
RESOLUTION  
3072 × 2048



**OPTICAL ZOOM**  
**36x**



**DIGITAL ZOOM**  
**16x**



**AUTO TRACKING**  
Smart Tracking  
for Moving Objects



**200m**  
IR NIGHT VISION  
Long Range IR



**DAY & NIGHT**  
IR Cut Filter



**IP67**  
**WEATHERPROOF**  
Reliable in  
Harsh Environments



**IK10**  
**VANDAL PROOF**  
(Except Front Glass)



**BUILT-IN MICROPHONE**  
Audio Surveillance



**SD CARD SUPPORT**  
Up to 1TB



**PoE SUPPORT**  
IEEE 802.3af/at

The AMG-UKSDC-6230-IP is an Essential Series 6MP Speed Dome camera designed to provide high-quality and intelligent surveillance applications. With 36× optical zoom and 16× digital zoom provides additional magnification when required.

A key functionality of the camera is its intelligent Auto Tracking capability, which enables the camera to automatically follow moving subjects such as people and vehicles within the monitored area. The camera is also equipped with 200m IR night vision, Its Day & Night functionality with IR cut filter further supports reliable imaging under changing lighting conditions.

Featuring IP67 weatherproof protection for resistance against dust and water ingress and IK10 vandal resistance for enhanced protection against physical impact. The camera supports SD card storage up to 1TB, allowing edge recording.

### Interface

**6MP Speed Dome.**

**Lens: 4.5mm~162mm**

**IR: 200 Meters**

**Quad Streams**

### Conformance

**STQC Tested**

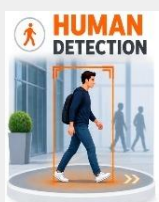
**BIS-ER Certified**

**IP67 and IK10**

**Auto Tracking**

**Human Detection**

**Vehicle Detection**





## Specifications:

|                             |                                                                                  |
|-----------------------------|----------------------------------------------------------------------------------|
| Model No.                   | AMG-UKSDC-6230-IP                                                                |
| Image Sensor                | 1/2.8" Progressive Scan CMOS                                                     |
| Max. Resolution             | 3072(H) x 2048(V) (6MP)                                                          |
| Min. Illumination           | Color: 0.002 Lux @ (F1.4, AGC ON),<br>B/W: 0 Lux with IR                         |
| Shutter Time                | Auto/Manual (1/30 - 1/10000)                                                     |
| Day & Night                 | IR cut filter                                                                    |
| Optical Zoom                | 36x                                                                              |
| Digital Zoom                | 16x                                                                              |
| <b>Lens:</b>                |                                                                                  |
| Lens Type                   | Motorized Auto-Focus Lens                                                        |
| Focal Length                | 4.5mm~162mm                                                                      |
| Iris Type                   | Auto                                                                             |
| <b>Illuminator:</b>         |                                                                                  |
| Supplement Light Range      | Up to 200m                                                                       |
| IR Wavelength               | 850 nm                                                                           |
| <b>Video:</b>               |                                                                                  |
| Streaming Capability        | Quad Streams                                                                     |
| Video Compression           | H.265/H.264                                                                      |
| Video Bit Rate              | 128Kbps ~ 8192Kbps                                                               |
| Privacy Mask                | Up to 8 areas                                                                    |
| Bit Rate Control            | CBR, VBR                                                                         |
| H.264/H.265 Profile         | Baseline Profile, Main Profile, High Profile                                     |
| Video Quality               | Ultra, High, Balanced, Standard, Economy                                         |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding                                                         |
| Region of Interest (ROI)    | 1 fixed region for main stream and sub-stream                                    |
| <b>Audio:</b>               |                                                                                  |
| Audio Compression           | FW Audio CODEC<br>AAC encode/decode (32KHz, 48KHz @192kbps)<br>ADPCM/G.711/G.726 |



|                             |                                                                                                                                                                                                                           |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | AEC/ANR and ALC                                                                                                                                                                                                           |
| Audio Bit Rate              | 64 Kbps                                                                                                                                                                                                                   |
| Audio Sampling Rate         | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz                                                                                                                                                                                       |
| Noise Filtering             | Yes                                                                                                                                                                                                                       |
| <b>Network:</b>             |                                                                                                                                                                                                                           |
| Protocols                   | TCP/IPv4/IPv6, HTTP, HTTPS, QoS, DHCP, DNS, Email, RTP, RTCP, RTSP/RTSPs, SNMP, NTP, PPPoE, SMTP, NTP, TLS/SSL, SFTP, ICMP, IGMP, ARP, UDP, 802.1x, ONVIF                                                                 |
| Simultaneous Live View      | Up to 6 channels                                                                                                                                                                                                          |
| API                         | Open Network Video Interface (Profile S, Profile G, Profile T, Profile M), ISAPI, SDK, ISUP                                                                                                                               |
| User/Host                   | Up to 32 users<br>3 user levels: administrator, operator and user                                                                                                                                                         |
| Smooth Streaming            | Yes                                                                                                                                                                                                                       |
| Security                    | Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, all data, including sensitive data, is encrypted with AES 256 and RSA 2048 |
| Client                      | AVMX                                                                                                                                                                                                                      |
| Web Browser                 | Chrome, Mozilla, Firefox                                                                                                                                                                                                  |
| <b>Image:</b>               |                                                                                                                                                                                                                           |
| Image Parameter Switch      | Yes                                                                                                                                                                                                                       |
| Image Settings              | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser                                                                                               |
| Day/Night Switch            | Day, Night, Auto, Schedule                                                                                                                                                                                                |
| Wide Dynamic Range (HDR)    | ≥ 140 dB                                                                                                                                                                                                                  |
| Signal to Noise Ratio (SNR) | ≥ 45 dB                                                                                                                                                                                                                   |
| Image Enhancement           | BLC, HLC, 3D DNR                                                                                                                                                                                                          |
| <b>Interface:</b>           |                                                                                                                                                                                                                           |
| Ethernet Interface          | 1x RJ45 10M/100M/1000M self-adaptive Ethernet port                                                                                                                                                                        |
| Onboard Storage             | Storage slot up to 1TB SD/SDHC/SDXC memory                                                                                                                                                                                |
| Microphone & Speaker        | Yes (Built-in)                                                                                                                                                                                                            |
| Alarm In/Out                | 1 Channel In / 1 Channel Out (Optional)                                                                                                                                                                                   |
| <b>PAN &amp; TILT</b>       |                                                                                                                                                                                                                           |
| Pan Range                   | 360°                                                                                                                                                                                                                      |



|                                  |                                                                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pan Speed                        | Manual speed: 1°to 240°/s                                                                                                                                                             |
| Tilt Range                       | -15°-90° (Auto Flip)                                                                                                                                                                  |
| Tilt Speed                       | Manual speed: 1° to 200°/s                                                                                                                                                            |
| Presets                          | 300                                                                                                                                                                                   |
| <b>Event:</b>                    |                                                                                                                                                                                       |
| Linkage                          | Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, trigger alarm output, audible warning                                      |
| Smart Event                      | Video Masking Detection                                                                                                                                                               |
| Basic Event                      | Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception                                                           |
| <b>Analytics</b>                 |                                                                                                                                                                                       |
| Face Capture                     | Yes                                                                                                                                                                                   |
| Perimeter Protection             | Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)                                                      |
| <b>General:</b>                  |                                                                                                                                                                                       |
| AI Functions                     | Face Detection, Human Detection, People Counting, On-Duty Violation, Vehicle Detection, Vehicle Counting, Parking Violation Line Crossing, Wrong-Side Vehicle Direction, Video Blind. |
| Power                            | 12V DC $\pm$ 25%, 0.5 A, max. 6 W,<br>PoE: IEEE 802.3af/at, Class 3, max. 12W                                                                                                         |
| Material                         | Metal                                                                                                                                                                                 |
| Storage Conditions               | -30°C to +75°C                                                                                                                                                                        |
| Startup and Operating Conditions | -20°C to +65°C                                                                                                                                                                        |
| Humidity                         | 0 to 95% RH non-condensing                                                                                                                                                            |
| General Function                 | Anti-banding, mirror, privacy mask, flash log, password reset via email, pixel counter                                                                                                |
| Protection                       | IP67 and IK10                                                                                                                                                                         |
| Certification                    | STQC Tested and BIS-ER Certified<br>ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO/IEC 27001:2022, CE, FCC, RoHS                                                                  |

