DATASHEET

Concept Pro

5MP | 30M IR | 2.8-8mm MOTORISED LENS | IP

# AIR3525AEEL-IP5M-Z

## Concept Pro 5MP IP Motorised Bullet Camera

The AIR3525AEEL-IP5M-Z model is an IP camera that has been designed to deliver the highest image quality for demanding external environments. This weather-resistant external small bullet features a 2.8-8mm motorised lens, smart infrared LEDs with 30m illumination range, and provides crisp 5-megapixel video. This camera is also designed for excellent compatibility with the Concept Pro range of network video recorders.

### AI Motion Detection

Reduce false motion detection alarms by up to 95% using new AI Motion Detection technology. Trained with AI algorithms, the camera can recognise and trigger motion detection events only if a person is detected in the specified area. As a result, false alarms from sources such as lights, animals, foliage, weather, and other objects are effectively filtered and reduced.

### Intelligent, Efficient Bit Rate Control

Reduce camera streaming bit rates by up to 90% by using Variable Bit Rate (VBR) or VBR+ smart bit rate control settings. These dynamic features maximise overall image quality while minimising camera stream bit rates. This results in lower network bandwidth usage and extended recording storage retention time.

### Enhanced Low Light Performance

This model utilises an Enhanced Low Light Image Sensor with greater light sensitivity, resulting in the camera capturing colour images long after standard CCTV cameras have switched to black & white night mode and brighter images in darker conditions.

## KEY FEATURES

- Max. 25FPS @ 5MP
- 2.8-8mm Motorised Lens
- Up to 30m Smart IR Illumination
- AI Motion Detection
- H.265 Video Codec & VBR+ Smart Bit Rate Control
- Enhanced Low Light Performance
- AI Analytics with human, vehicle, and bike classification

## OTHER FEATURES

- PoE/DC12V Power Input
- True WDR, ATW, BLC, Defog, 3D-DNR
- Manual Regions of Interest
- IP67 Rated
- ONVIF Profile S Compliant

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## SPECIFICATION

| Model/Feature | | AIR3525AEEL-IP5M-Z |
|---|---|---|
| Camera | Video Output Type | IP |
| | Image Sensor | 1/2.8" Progressive Scan CMOS |
| | Signal System | PAL/NTSC |
| | Min. Illumination | Enhanced Low Light Performance - Colour: 0.004 Lux @ (F2.0, AGC ON) B&W: 0 lux with IR LEDs on |
| | Electronic Shutter | Auto/Manual, 1/25 to 1/5,000s |
| | S/N Ratio | ≥48dB |
| | IR LEDs | x4 |
| | IR Illumination Range | Max. 30m |
| | IR Control | Auto/Off |
| | Adaptable IR | Auto |
| | Pan/Tilt/Rotation Range | P: 0°–360°, T: 0°–90°, R: 0°–360° |
| Lens | Lens Type | Motorised Lens |
| | Mount Type | Built-in |
| | Focal Length | f=2.8-8mm |
| | Aperture | F1.6 |
| | Angle of View | H: 102.8-50.0°, V: 74.1-37.4°, D: 142.5-62.5° |
| | Focus | Auto/Manual |
| | Iris | Fixed Iris |
| Video | Compression | H.265/H.264 with VBR+ Smart Codec Option |
| | Streaming Capability | Triple Streaming + SVC Stream |
| | Resolution | 2592x1944, 2592x1520, 2304x1296, 2048x1536, 1920x1080, 1280x1024, 1024x768, 1280x720, 704x576, 704x480, 640x480, 640x360, 352x288, 352x240 |
| | Frame Rate | Stream 1: Max. 25FPS @ 2592x1944, Stream 2: Max. 25FPS @ 1280x720, Stream 3: Max. 25FPS @ 640x480 |
| | Bit Rate Control | CBR/VBR/VBR+ |
| | Bit Rate | Stream 1: 1,000-8,000kbps, Stream 2: 600-2,000kbps, Stream 3: 600-2,000kbps |
| | Day/Night | True D&N with ICR (Auto/Day/Night/Schedule) |
| | Backlight Compensation | Yes |
| | Wide Dynamic Range | True WDR |
| | White Balance | ATW/Manual (Indoor/Fluorescent/Outdoor) |
| | Gain Control | Auto |
| | Noise Reduction | 3D-DNR (Auto/Manual) |
| | Motion Detection | Yes (Max. 4 Areas) |
| | Defog | Yes |
| | Image Setting | Mirror, Flip, Corridor Mode |
| | Image Adjustment | Brightness, Sharpness, Colour Gain |
| | Region of Interest | Manual (Max. 8 Regions) |
| | Defog | Yes |
| | Slow Shutter | Off/X2/X4/X8 |
| | Image Setting | Mirror, Flip, Corridor Mode |
| | Image Adjustment | Brightness, Contrast, Colour, Sharpness |
| | Privacy Masking | Yes (Max 4 Areas) |
| | Tamper Detection | Yes |
| | AI Motion Detection | Yes (Human Detection) |
| | AI Video Analytics | Yes (human/vehicle/bike classification; intrusion, line crossing, region enter/exit, loitering, stopping, counter detection) |
| | Transmission Distance | Max. 100m over Ethernet |
| Network | Ethernet | x1 RJ45 10M/100M Ethernet |
| | Protocol | IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, SMTP, FTP, UPnP, HTTP, HTTPS, SSL/TLS , 802.1x |
| | Security | Complex password requirement, user authentication, digest authentication, TLS 1.2, HTTPS, RTSP over TLS |
| | Interoperability | ONVIF Profile S, HTTP/RTSP API |
| | ONVIF Channels | Max. 4 Streams |
| | Streaming Method | Unicast/Multicast |
| | Max. User Access | x10 |
| | Edge Storage | Local PC (Snapshot/Recording) |
| Interface | Video Output | - |
| | Alarm Interface | - |
| | Audio Interface | - |
| | Audio Compression | N/A |
| | RS-485 | - |
| | Control Protocol | N/A |
| | Reset Buttons | Yes |
| General | Power Supply | PoE/DC12V |
| | Power Consumption | PoE: Max. 7.77W with IR on |
| | Power Output | - |
| | Operating Temperature | -20°C to +50°C |
| | Operating Humidity | 0% to 90% |
| | Ingress Protection | IP67 |
| | Impact Resistance | - |
| | Housing Materials | Aluminium Die-Casting |
| | RAL | RAL7021 Black Grey |
| | Dimensions | (Ø) 66mm × (L) 209mm without sunshield |
| | Net Weight | ≈550g |
| | Gross Weight | ≈700g |
| Certification | Certifications | CE |

### ORDER CODE

| | |
|---|---|
| **AIR3525AEEL-IP5M-Z** | Concept Pro 5MP IP Motorised Bullet Camera |

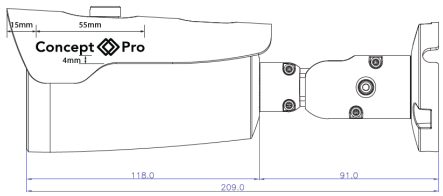
### OTHER PRODUCTS IN THE RANGE

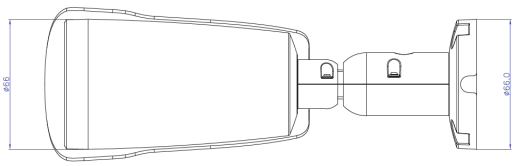
| | |
|---|---|
| **AIR3525AEEL-IP5M/2.8** | Concept Pro 5MP IP Fixed Bullet Camera (2.8mm) |
| **AIR3525DLEL-IP8M/2.8** | Concept Pro 8MP IP Deep Learning Fixed External Small Bullet Camera |
| **AIR3525AEEL-IP5M/4** | Concept Pro 5MP IP Fixed Bullet Camera (4mm) |

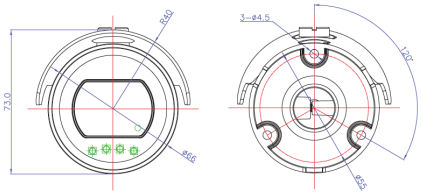
### RECOMMENDED ACCESSORIES

| | |
|---|---|
| **CP-BASE-1-V2-G** | Concept Pro Small Junction Box - Black Grey |
| **CP-PM-1-V2-G** | Concept Pro Small Pendant Mount |
| **CP-VM-1-V2-G** | Concept Pro Small Wall Mount |
| **CP-PLM-V2** | Concept Pro Pole Mount |
| **CP-CM-V2** | Concept Pro Corner Mount |

### DIMENSIONS

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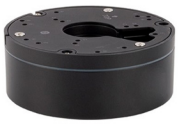
## ACCESSORIES

### CP-BASE-1-V2-G

Concept Pro Small Junction Box

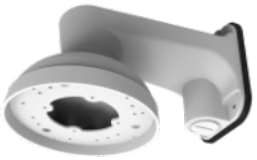


### CP-PM-1-V2-G

Concept Pro Small Pendant Mount

### CP-WM-1-V2-G

Concept Pro Small Wall Mount

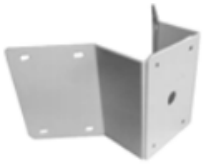
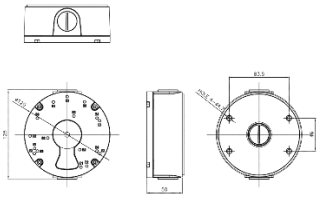
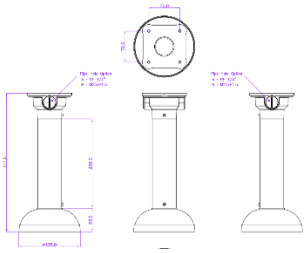
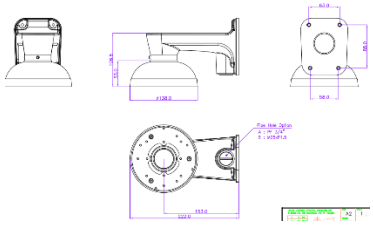
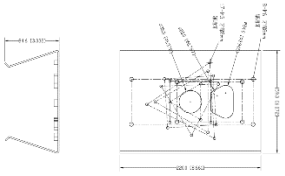
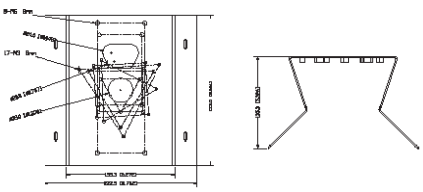


### CP-PLM-V2

Concept Pro Pole Mount (can be combined with CP-BASE-1-V2)

### CP-CM-V2

Concept Pro Corner Mount (can be combined with CP-BASE-1-V2)



## DIMENSIONS