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# HALO-DX402AVA
# 1080P Vari Focal Bullet Ultra Low Light Advanced Analyctics

IK10 Impact Protection | 30FPS Frames Per Second | 3D DNR | IP66 Ingress Protection | H.265 Video Coding

## Key Features

- 1/2.7" Progressive Scan CMOS
- 1920 × 1080 @ 30fps HDR (2MP)
- SONY® STARVIS™ Sensor
- Advanced Video Analyctics
- Face Detection and Face Recognition
- HDR Engine Gen3
- 3D DNR
- All Aluminium Housing
- IP66, IK10
- IR LED working distance up to 45m
- ONVIF Profile S/ G/ T/M support
- POE (IEEE 802.3af)
- 5 Year Warranty

### Advanced Video Analyctics
The Halo DX402 AVA comes with Advanced Analytic Features including Object classification of moving targets human, vehicle and animal. Face detection and Face recognition. Abandoned objects, Object removal, Trip Wire, Wrong direction, Camera Sabotage, Intrusion detection, Loitering, Object counting, Stopped vehicle.

### Ultra Low Light Sensor
The Halo DX range, incorporates an ultra-low light camera module based on a SONY® STARVIS™ IMX462 sensor that ensures superior near-infrared performance offering colour images in very low light conditions.

### HDR Real Time Engine Gen3
The latest HDR engine delivers excellent, natural high dynamic images. Both details of high light and low light areas are kept, and no blending artifacts are generated.

# HALO-DX402-AVA
# 2 MP VF Bullet Network Camera

## Specifications

| | |
|---|---|
| **Camera** | |
| **Camera Type** | Dome day / night (ICR Type) |
| **Effective Pixels** | 1920 (H) x 1080(V) (2.1MP) |
| **Pixel Size** | 2.9 µm |
| **Image Sensor** | 1/2.8" CMOS Progressive Scan SONY® STARVIS™ IMX462 |
| **Min. Illumination** | 0.02 lux (Colour)/ 0.001 lux (B/W) |
| **Shutter Speed** | 1~1/10.000 sec. |
| **Auto-Iris** | Yes |
| **Day/Night Switching** | automatically removable IR Cut Filter |
| **Digital Noise Reduction** | 3D Motion Compensated Noise Reduction (MCTF) |
| **HDR** | Gen3 Engine |
| **Lens** | |
| **Focal length** | 2.7 to 12 mm F1.6 |
| **Focus** | Auto, semi-auto, manual, zoom trigger |
| **FOV** | Horizontal FOV 106.3° (Wide) to 33.0° (Tele), Vertical FOV 58.3° (Wide) to 18.6° (Tele) |
| **Lens Mount** | Integrated |
| **IR Illumination** | |
| **IR Range** | up to 45 m |
| **Compression Standard** | |
| **Video Compression** | H.265/H.264/MJPEG |
| **Streaming** | Up to 4 individually configurable streams in H.265/ H.264/ MJPEG<br>Configurable resolution/ frame rate/ bandwidth LBR/ VBR/ CBR in H.265/ H.264 |
| **Single Stream 2MP H.264** | NTSC: 2MP @ 30fps, PAL: 1080 @ 25fps |
| **Single Stream 2MP H.265** | NTSC: 2MP @ 30fps, PAL: 1080 @ 25fps |
| **Audio** | |
| **Compression** | G.711 / G.726 / AAC / LPCM |
| **Streaming** | 2 way |
| **Audio Input** | Line in |
| **Audio Output** | line out |
| **Network** | |
| **Interface** | 10/100Mbps Ethernet |
| **Security** | User Authentication/ HTTPS/ IP Filter/IEEE 802.1x |
| **Supported Protocols** | ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS |
| **ONVIF** | Profile S / G / Q / T conformant |
| **System Integration** | |
| **Analytics** | Motion Detection/ Tampering/ Audio detection |
| **Advanced Video Analytics** | Object classification of moving targets, human, vehicle and animal. Face detection and Face recognition. Abandoned objects, Object removal, Trip Wire, Wrong direction, Camera Sabotage, Intrusion detection, Loitering, Object counting, Stopped vehicle. |
| **Event Triggers** | External Input, Analytics, Network Failure, Detection, Periodical Event, Manual Trigger |
| **Event Actions** | External output Activation, Video and audio recording to edge storage<br>File Upload : FTP, network share and email, Notification HTTP, FTP, email |

# HALO-DX402-AVA
# 2 MP VF Bullet Network Camera

## Specifications

| General | |
|---|---|
| **Housing** | Metal Body |
| **Power** | PoE IEEE802.3af, class 0, max 12.95 watt<br>DC12V, max 12.95 watt<br>AC24V, max 13.97 watt, max 25.19 VA |
| **Connectors** | RJ45, Alarm in x1, Alarm out x1, DC12V, AC 24V, CVBS Connector, Terminal Block |
| **Live Analog Video Output** | 2 pin connector 75Ω, PAL class 2 |
| **Storage** | Support for microSD/microSDHC/microSDXC card<br>Support for recording to NAS |
| **Protection Level** | IP66, IK10 |
| **Material** | Metal |
| **Operating Conditions** | -30°C~55°C without heater, -55°C~55°C with heater, 10%~90%, No Condensation |
| **Dimensions** | Ø 105 x 234 mm |
| **Weight** | 1280 g |
| **Warranty** | 5 years Warranty |
| **COO** | Country of origin Taiwan |
| **Part Number** | 0070-05402-AVA |

## Accessories

0070-10019
Halo Back Box
Wall Mount

0070-10023
Halo Back Box
Pole Mount Adaptor
Diameter 70-180mm

0070-10022
Halo Back Box
Pole Mount
Diameter 70-180mm