

Plate: VR ED 2015
 Make: Mercedes
 Model: E-Class
 Colour: Silver
 Class: Saloon, Electric
 Speed: 160kph/100mph, Towards
 Time/Date: 16:26, 19 Jul 2021
 Location: 51.501476, -0.140634
 Country of Origin: Germany



HALO-DX-402-VAXALPR 1080P Vari Focal Bullet Ultra Low Light



Key Features

- 1/2.7" Progressive Scan CMOS
- 1920 × 1080 @ 30fps HDR (2MP)
- SONY® STARVIS™ Sensor
- Deep Neural Network Accelerated Engine
- HDR Engine Gen3
- Multi Codec support (H.265/ H.264/ MJPEG)
- 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



Vaxtor Video Analytics on Board

The HALO-DX-402-VAXALPR comes with a new Deep Neural Network embedded processor and extra memory. This larger processor can utilise the features of Vaxtor License Plate Recognition and OCR Genesis software. The Vaxtor license is pre installed so your ready to go.

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.

2.7-12mm Motorised Lens

The Halo DX comes with a new motorised 2.7-12mm motorized lens offering a larger range of scene capturing capabilities making this camera suitable for long range applications. The remote zoom and focus feature enables convenient focusing over the network together with the special P-Iris lens, eliminating the need for hands-on fine tuning. This remote adjustment functionality greatly speeds up installation time and reduces total cost to the project.

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 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	
Vaxtor Analytics	Vaxtor ALPR Automatic License Plate Recognition
Vaxtor ALRP Classification	Make, Model, Colour, Class, Speed, Time/Date, Location, Country of Origin
Vaxtor ALPR Countries	Supports nearly 200 countries including, Latin, Arabic and Thai character sets
Event Triggers	External Input, Analytics, Network Failure, Detection, Periodical Event, Manual Trigger
Event Actions	External output Activation, Video and audio recording to edge storage File Upload : FTP, network share and email, Notification HTTP, FTP, email

Specifications

General	
Housing	Metal Body
Power	PoE IEEE802.3af, class 0, max 12.95 watt DC12V, max 12.95 watt 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 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	0070-05403-VAXALPR

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