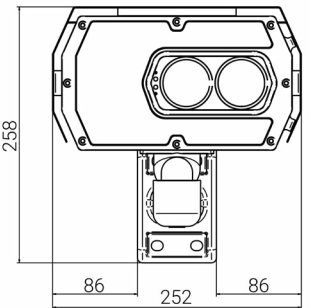


# Vidar Container Camera – Identify International Container Codes with Industry-Leading OCR Technology

### Imaging

#### Vidar Container Camera

Resolution	Sensor 1 & 2: 1.5MP (1440x1080)
Max FPS	Sensor 1 & 2: 120 @ 720p
Sensor	Sensor 1: color + Allpass filter, global shutter Sensor 2: black & white + IR Bypass filter, global shutter
Day/Night switch	Automatic brightness control with predefined traffic environments or manual
Lens	Motorized zoom and focus, remotely adjustable
Lens mount	Custom mount
Angle of View	Optics 1 & 2: Wide: 79.2° x 63.7° Tele: 30.9° x 23.4°
Optical Zoom	Optics 1 & 2: 3x
Focal length	Optics 1 & 2: Variable 3–9 mm



### OCR - ACCR

Custom sensor configurations (e.g., resolution, color or b/w), optics (zoom or fix, focal length, etc.) and filters (IR-band, IR-Cut, All Pass, and Polarized) are available upon request.

OCR - ACCR range	1 m – 4 m (3.3 feet – 13.1 feet)
Vehicle speed range (at optimal conditions)	0 km/h – 120+ km/h / 0 mph – 74.5+ mph
Maximum number of lanes	1

OCR range can be tailored with different lens and sensor combinations to meet specific project requirements.

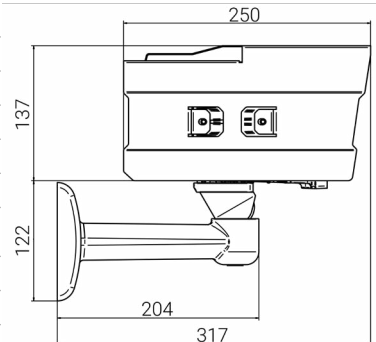
### Onboard Intelligence

Carmen <sup>®</sup> OCR onboard	ACCR (ISO 6346, MOCO, ILU), UIC, USDOT
GDS compliance	Yes

### Illumination

Additional AI-based features can be enabled for selected projects.

Wavelength	White LED + 850 nm IR
Number of LEDs	12 high-power LEDs
Illumination modes	Synchronized or continuous
Illumination beam-angle	22°
Variable intensity	Adjustable in 100 increments, parity flash (different intensity for odd and even frames)



### Processing & I/O

Any required wavelength (white, 760nm IR, 850nm IR, etc.) even mixed with different beam-angles are also available upon request.

Communication protocols	ONVIF, ARP, TCP/IP, DHCP, NTP, FTP, HTTP, RTSP, HTTPS, SFTP, DNS, SNMP, SSL/TLS, NTCIP
I/O ports	12-pin (External Illuminator, UART, GPIO, USB, RS232)
In-built laser trigger	8 mRad point laser
Laser wavelength & safety class	905 nm CLASS I (60825-12014)

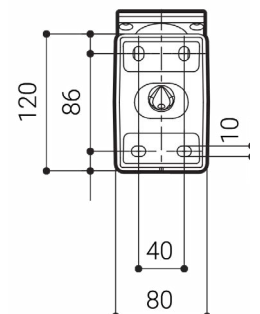
### Electrical Data

Power requirement	24 - 28 V AC*; min. 2.5A
Typical power consumption	18 W

### Mechanical Data

\*36 V DC, when galvanically isolated, double-insulated power supply is in use

Operating temperature*	-45°C – +70°C (-49°F – +158°F)
IP & IK rating	IP67, IK10**
Dimensions with bracket (LxWxH)	250 x 252 x 258 mm / 9.84" x 9.92" x 10.16"
Weight	4.5 kg / 9.92 lbs
In the box	Camera, bracket, shield



### Accessories

\*Internal  
\*\* For IK10 protection an additional accessory component might be required

M12 power cable, Ethernet cable, Junction Box, External IR-light, External GPS, I/O cable

### Certificate

Made in EU, NDAA compliant

## 3-year warranty Made in EU



Technical specifications are subject to change without prior notice. For any specific requirements beyond our standard products, custom configurations are available. Please contact our sales team to discuss your project needs and explore tailored solutions. We are happy to help.



# www.adaptiverecognition.com

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· dual motorized optics · high-performance 4-core OCR processor · built-in laser trigger · up to 120 FPS  
· mixed in-built IR and white illumination · spectacular night-time performance · natively GDS-ready · ACCR (ISO 6346, MOCO, ILU)

Release date: 07/02/2025