



# Industrial DashCam 1000

High-Speed condition monitoring camera

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The Industrial DashCam 1 000 is a powerful standalone system that can be easily integrated into existing environments. It provides real-time video footage of your industrial processes, so you can troubleshoot problems quickly and easily. The camera features a ring buffer, so it can continuously record footage. It also has various trigger modes, so you can also record footage only when certain events occur. The Industrial DashCam 1 000 is designed for in-service diagnostics and remote analysis, and it helps to improve the reliability and availability of systems.

### Key Features

- Powerful Standalone System
- Easy integration in existing environments with REST API
- Diagnostic during operation
- Remote analysis
- Intuitive web interface for interaction with human user (HMI)
- Various Trigger modes
- Auto Trigger for easy automation
- Easy handling of parameters and settings
- 5 Megapixel



### Processor

Type	NVIDIA ORIN NX ARM Cortex A78AE
Processor Clock	8 x 2 GHz
GPU	1024-core NVIDIA Ampere GPU
DDR RAM	16 GB LPDDR5 102 GB/s
Mass Storage	NVMe SSD ≥ 240 GB

### Interfaces

Ethernet	1000 Mbit/s
Digital In/Out	4 x Input & 4 x Output (24V)
Serial Interface	1 x RS-232

### Sensor

Optical Size	1"
Resolution	2560 x 2048 pixels
Pixel Size	5 µm
Framerate	165 fps
Partial Scan	yes
Color	mono

### Lens Properties

Lens Mount	C-Mount	C-Mount
Focal length	-	12 - 36 mm
Aperture	-	F 1,6

### Mechanical / Electrical

Power Supply	11 VDC – 26 VDC (light requires ≈ 24 V)	11 VDC – 26 VDC (light requires ≈ 24 V)
Dimension W × H × D	56 mm x 120 mm x 30 mm	56 mm x 120 mm x 30 mm
Weight	341 g	935 g
Temperature Range	+5 °C ... +45 °C	+5 °C ... +45 °C
Ethernet Connector	M12 - 8 Pin	M12 - 8 Pin
I/O Connector	M12 - 17 Pin	M12 - 17 Pin
Certification	IP50, CE	IP50, CE
Mounting	4 x M4	4 x M4

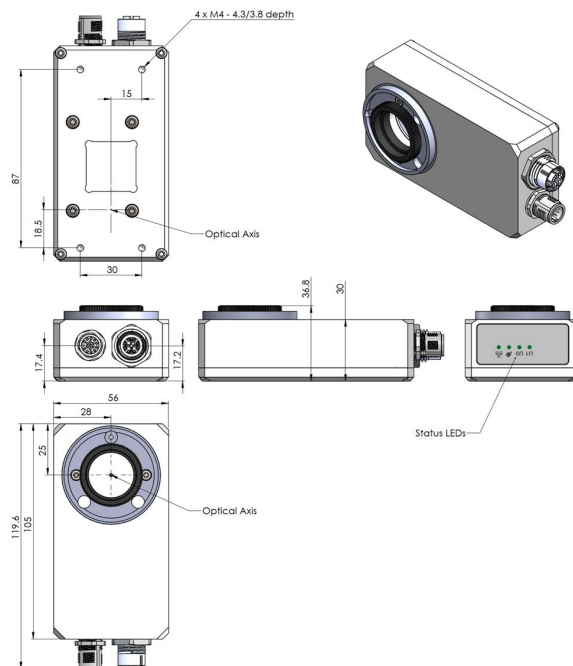
### Framerate

FULL HD	≈ 415 fps
VGA	≈ 1400 fps
QVGA	≈ 2730 fps

### Documentation

Homepage	<a href="#">Link</a>
SDK Documentation	<a href="#">Link</a>
Hardware Manual	<a href="#">Link</a>

### Dimensional Drawing



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## **What we do**

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***And we are proud of them.***