

# Optronis

*Make time visible*

## CR-Series Overview



### **HIGH-SPEED VIDEO CAMERAS**

- > **500 - 10000 fps (full resolution)**
- > **Very compact housing**
- > **Highest light sensitivity**
- > **512 x 512 - 2560 x 2048 pixel**
- > **Gigabit Ethernet Interface**
- > **Monochrome / Color**
- > **Up to 16 GB internal memory**
- > **User friendly software**

## Insight allows understanding.

### Description/Overview

*Insight allows understanding.*

*A clear sight allows decision making.*

*Foresight allows steering.*

*Peter Amendt, (\*1944), Franciscan*

Knowledge is power. Whether for test procedures, in production control, handling technique or material testing: Those who need sound knowledge instead of relying on what they believe have to take a close look.

Model overview				
	CR450x2	CR600x2	CR1000x2	CR5000x2
Framerate / second (maximum resolution)	1000 fps	500 fps	2000 fps (UltraSpeed) 1000 fps (Standard)	10000 fps (UltraSpeed) 5000 fps (Standard)
Maximum resolution	800 x 600	2560 x 2048 (UltraFormat) 1280 x 1024 (Standard)	2560 x 2048 (UltraFormat) 1280 x 1024 (Standard)	1024 x 1024 (UltraFormat) 512 x 512 (Standard)
Maximum memory	16 GB	16 GB	16 GB	16 GB
UltraFormat	-	Yes (optional)	Yes (optional)	Yes (optional)
UltraSpeed	-	-	Yes (optional)	Yes (optional)
UltraSensitivity	Yes	Yes	-	Yes
MultiSequence	Yes (optional)	Yes	Yes	Yes
MultiSegment	Yes (optional)	Yes	Yes	Yes
	Coming soon!		Coming soon!	

### General camera characteristics

VGA - Output: Directly connect a standard monitor.

CamControl: Easy to use control software. Including free software updates.

Optical Trigger: Recording starts on intensity variation inside the image.

External connectors: TTL Trigger Input, Synchronisation Input and Output.

Ring memory: Capture even the unexpected events.

Logo and text: Brand the sequences with free text or images.

Distance tool: Measure the distance or velocity inside a sequence.

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