



nitamericas
INCORPORATED

CamRecord Sprinter CR-S3500

Optronis
Make time visible

The CamRecord Series

The workhorse of compact digital high speed camera systems.

CamRecord Sprinter Features:

- CMOS Sensor: 1280 x 864 all active pixels
- Reliable
- Easy-to-Use
- Standalone Operation
- Electronic Shutter: Open to 2 μ sec
- Camera Memory: Up to 32 GB
- Non-Volatile Storage: SSD up to 512 GB
- Multiple Trigger Modes
- Synchronization: Internal and external sync recording, plus IRIG B
- Interface: Gigabit Ethernet
- Lens Mount: C-Mount, F-Mount, EF/EFS Mount
- Compact Housing



The CamRecord Sprinter boasts a Mega Pixel sensor, high capacity dynamic memory of up to 32GB, and a super-fast, non-volatile SSD storage media which functions as a film magazine. The CamRecord Sprinter records brilliant color images or crisp monochrome images at full resolution at 3,500 fps. The CamRecord Sprinter is a versatile, easy-to-use camera system that provides affordably priced high-speed video solutions to a broad array of users.

The robust CamRecord Sprinter is perfect for a variety of applications, including: ballistics, combustion, materials research, machine design, microscopy, PIV, flow visualization, spray analysis, automotive testing, and many, many, more . . .

When it comes to reliable, high-quality, high-speed camera systems, make the proven choice with nit Americas and you'll see the visible difference!

CamRecord - Sprinter CR-S3500

Optronis

Make time visible

Resolution	1280x864 Pixels
Frame Rate @ max. Resolution	3500 fps
Exposure Time	2 µsec – 1/FrameRate
Active area	17.5 mm x 11.8 mm
Sensor Diagonal Dimension	21.1 mm
Pixel Size	13.7 µm
Responsivity	25V/Lux-s @ 550nm
AD Converter	8 bit
Shutter	Global electronic
Trigger Signal	TTL, Switch, open collector, rising or falling edge
Camera volatile memory	Yes, up to 32 GBytes
HardDisk non-volatile memory	Yes, SSD up to 512 GBytes
Power	12 VDC
Operating Temperature:	0°C to 40°C
Weight:	Approx. 1.4 kg
Dimensions:	150 mm x 92 mm x 85 mm (LxHxW) See mechanical Data sheet
Lens Mount	F-Mount, EF/EFS Mount, C-Mount
Conformity	CE, RoHS



CamRecord High Speed Camera Systems also Feature:

- Adjustable Frame Rates
- Fast Gig-E Interface
- Wireless LAN Setup and Control
- Multi Camera Control
- Continuous Live Video Output
- Interface - Gigabit Ethernet
- Memory Segmentation
- Remote Control via PC or Android
- Internal and External Sync Recording, plus IRIGB
- Intuitive Capture and Control Software
- Analysis Software for 2D tracking of velocity, acceleration and displacement.

Please Note: Specification described above are preliminary and subject to change.