



High Speed Camera
Brand: Kron Technologies

Code: Chronos 2.1-HD (CR21-1.0-32C-FSL)

Configuration: Ram: 32GB,

Image Sensor: Color,

Lens: Sigma 24-70MM f/2.8 Nikon F zoom

Lens Adapter: Nikon F to C -FotodioX



The Chronos 2.1-HD High-Speed Camera is an ideal choice for capturing beautifully framed cinematic shots, filming fast-paced sporting events, and getting the most detailed imaging for research. This camera offers the highest resolution and is compatible with more lens. You can save hundreds of shots on a single SD card. It uses double the clock speed to transfer the CCD pixel charges. This technique can provide double speed on standard format cameras. It is a technique that allows a smaller number of consecutive sensor lines to be used.

Features:

2.1Gpx/s, Full HD 1920×1080 image sensor captures 1 000 fps, and up to 24 046 fps at lower resolution. Available in color and monochrome.

32GB memory option for and 11 second record time respectively.

High sensitivity base ISO of 500 (Color)

Completely standalone, untethered operation with 1hr internal battery. Runs indefinitely on AC adapter.

Focus peaking highlights sharp edges for quick and perfect focus. Zebra lines help you set correct exposure.

EIN 37-1939950

11300 NW 87 CT STE 150 Telephone: 786 816 7489 E-mail: info@testglassware.com

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Includes:

Chronos 2.1-HD camera
Battery
Power supply (19V 40W, universal input)
Power cord (with location-appropriate plug)
CS to C mount lens adapter
Sigma 24-70MM f/2.8 Nikon F zoom
Nikon F to C FotodioX lens adapter
User Manual
32GB SD Card for saving videos

Full Specifications

Camera Imaging 1920x1080 1000FPS, see resolution table for details
Memory 32GB
Record time: 11 seconds (32GB)
Field-adjustable backfocus
IR Filter 650nm, user removable, 24 x 16 x 1.1mm
Display 5" 800x480 capacitive touchscreen, 1000 nit daylight viewable
Enclosure Anodized CNC machined aluminum
Cooling Active cooling, variable-speed fan (fan-off option supported)
Dimensions 155mm x 96mm x 67.3mm (6.11" x 3.78" x 2.65") without lens
Weight 1.06 kg (2.34 lbs) without lens
Video Formats H.264 Industry-standard mp4 (MPEG-4) files at bitrates up to 60Mbps
Cinema DNG Raw
TIFF
storage devices

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Standard Adobe Cinema DNG raw files

Standard TIFF raw files with timestamps

SD, USB, SSD, or SMB/NFS network drives

Image Sensor Resolution 1920x1080@1000FPS

Speed 2.1Gpx/s

Dimensions 19.2 x 10.8mm (4/3" format, 2.1-Megapixel, 2x Crop Factor)

Pixel Pitch 10um

Sensitivity (ISO) Color - ISO 500 to 8000

Mono - ISO 1000 to 16000

Shutter Electronic global shutter, 1/fps to 10us (1/100,000s)

Dynamic Range 10.3 stops (62.4 dB)

Bit Depth 12-bit

Battery Type EN-EL4a

Maximum Run Time 1 hour recording

Charge Time 2 hours (0-80%) with in-camera charger

IO Power Input 17-20V 40W (5.5/2.5mm barrel jack, positive tip)

Network Gigabit Ethernet

Trigger Two trigger inputs/frame strobe outputs (BNC and Aux)

Adjustable input threshold 0 to 6.6V

Trigger (Continued) Electrically isolated trigger input (Aux connector)

Trigger with sound, laser, and lighting using accessories

Audio Microphone/Line input using continuous live mode @ 60FPS

Video HDMI output 720p or 1080p (default) @ 60FPS, video only

USB USB type A (host) and micro-B (device)

SATA eSATA 3Gbps to SATA 2.5" III SSD (5V power)

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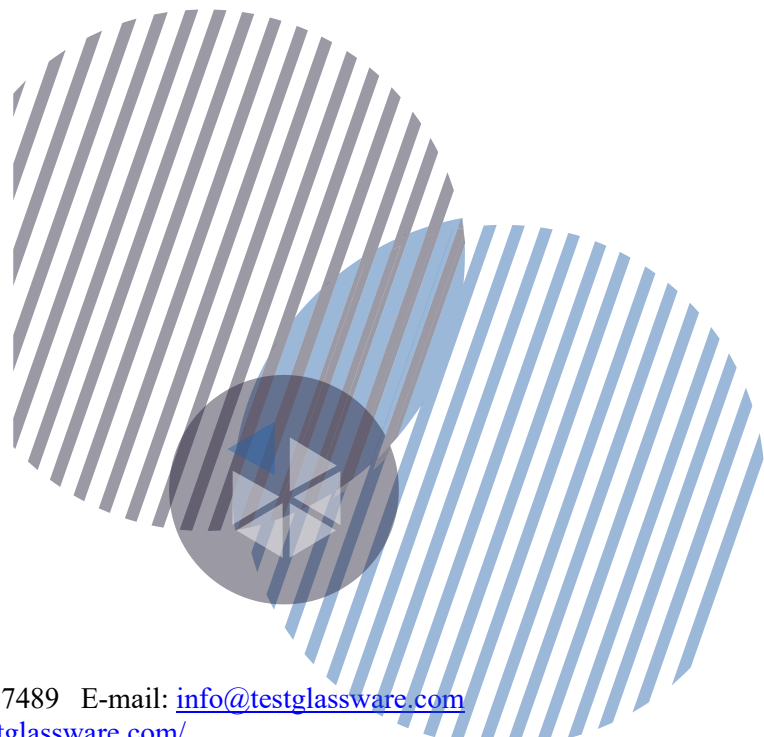


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