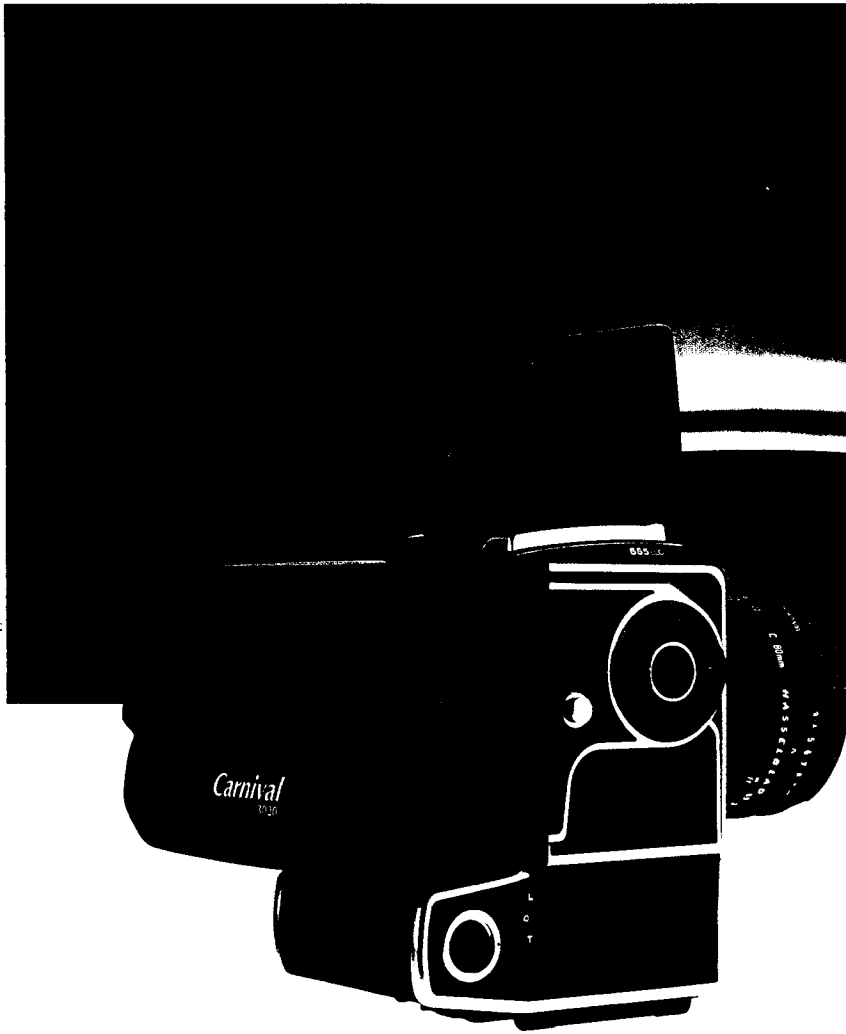


THE CARNIVAL 3020

Digital Camera Back for Professional Photographers



For more than 5 years hundreds and hundreds of Carnival digital backs have shown the way to successful digital photo production, every day professional studio photography is done with Carnival cameras to a very high standard: measured on the screen, measured on the proof, and measured on the printed page. The key to the Carnival success is the option of multi-shot and single-shot in one and the same product. This gives the Photographer the highest quality results both for capturing of still life (multi-shot) and live subjects (single-shot). The flexibility is now further extended with the high resolution micro-scan mode of Carnival 3020 delivering up to 72MB files (8 bit RGB mode). The new Carnival 3020 is operated by Imacon's proven ColorFlex software ensuring ease of use with a built in functionality for advanced digital workflow control

imacon

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Features

Single-shot, Multi-shot, Micro-scan

6 mio. pixel CCD chip in size of 24 * 36 mm

Piezo controlled movements of CCD chip

Capture with true 16 bits per color

Benefits

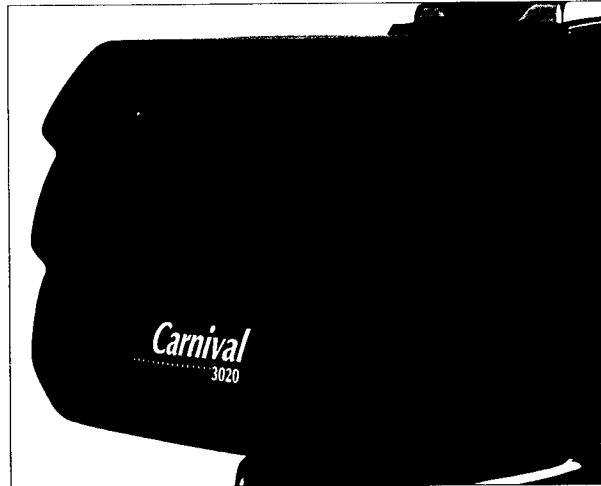
Optimal capture of live subjects, and still life with one and the same product

Highest resolution digital capture on the market

Allow for multi-shot and micro-scan without image errors from the use of filterwheel

Best possible color definition with more than 65.000 shades of each primary color

THE CARNIVAL 3020



- **Resolution**
- yes
- **ColorFlex**
- yes
- **Workflow tools**
- yes
- **Resolution**
- 6mio./2K x 3K
- **Image size (mm)**
- 24,6 x 36,9 mm
- **Image size (MB)**
- single-shot 12 MB
- multi-shot 48 MB
- micro-scan 192 MB
- **Resolution**
- single-shot 18/36 MB (interpolated)
- multi-shot 18/36 MB
- micro-scan 72/144 MB
- **Resolution**
- 16
- **Workflow tools**
- yes
- **ColorFlex**
- yes
- **Workflow tools**
- yes
- **Resolution**
- 50-200
- **Control**
- 64 MB
- **Computer**
- Mac + PC

Triple functionality

Unique for the Carnival 3020 is the three modes of operation, offering single-shot, multi-shot, and micro-scan functionality in one and the same product. Single-shot mode used for the capture of live subjects. Multi-shot mode used to capture studio work with high resolution and true color accuracy. Micro-scan mode extends the multi-shot functionality to provide for digital files of up to 72MB (8 bit RGB color mode). The true (non-interpolated) colors of the multi-shot and the micro-scan are achieved by minute piezo movements of the CCD-sensor. Hereby the possible image errors from the use of a filterwheel is avoided.

Best Color

Carnival 3020 simply delivers excellent colors. This is achieved by combining the 16 bit capture of each primary color, with the no-noise architecture of the aluminium housed back.

Fredom to work as you please

Carnival 3020 hooks up to its controller via a 10m flexible high-speed FireWire cable. This gives you the freedom to move around.

Carnival 3020 works with all kinds of lighting, including: Strobe, Tungsten, HMI, and daylight.

Carnival 3020 interfaces to the different camera bodies of the industry through adapters which can be changed in minutes. Adapters are available for Hasselblad ELX/ELD, Mamiya RZ67, Mamiya 645 PRO, Fuji GX 680, and Rollei 6000 series. Special adapters for Portrait/Landscape positioning are available for Mamiya RZ67, Fuji GX680, and for view-cameras.

Via the Hasselblad adapter the Carnivals can be attached to any view-camera. Through the ColorFlex capturing software full control of electronic shutters provide a general shutter solution for all view-cameras. ISO settings range from 50 to 200.

Image control with ColorFlex

The ColorFlex capturing software include the full controls for Setting Up, for Capturing, and for Exporting the captured files for further processing. Features include:

- ICC based open color operation from input to output, including softproof
- Color and sharpening controls

• Workflow tools with roll-film and batch processing
ColorFlex runs on Mac and PC. It can run stand-alone to serve in a distributed open network environment.

Carnival Product Family

The Carnival Family includes the basic workhorse of the Carnival 2020-U offering single-shot and multi-shot capabilities with a 4mio. pixel sensor (28 x 28mm). Carnival 3020-S is the choice if you need just single-shots at maximum resolution with the 6mio. pixel sensor. Both Carnival 3020-S, and 2020-U can be upgraded to the Carnival 3020.