

FLAAR PHOTO
ESSAY

September 2007

Creating HDR with Photomatix and Photoshop



Arcade Antigua Guatemala

Photographs and Project Concept by Nicholas Hellmuth
Adobe Photoshop & Photomatix work and step-by-step description by Juan Luis Sacayon

Copyright 2007 FLAAR



Before HDR



End Result



Before HDR



End Result



Before HDR



End Result



Before HDR



End Result



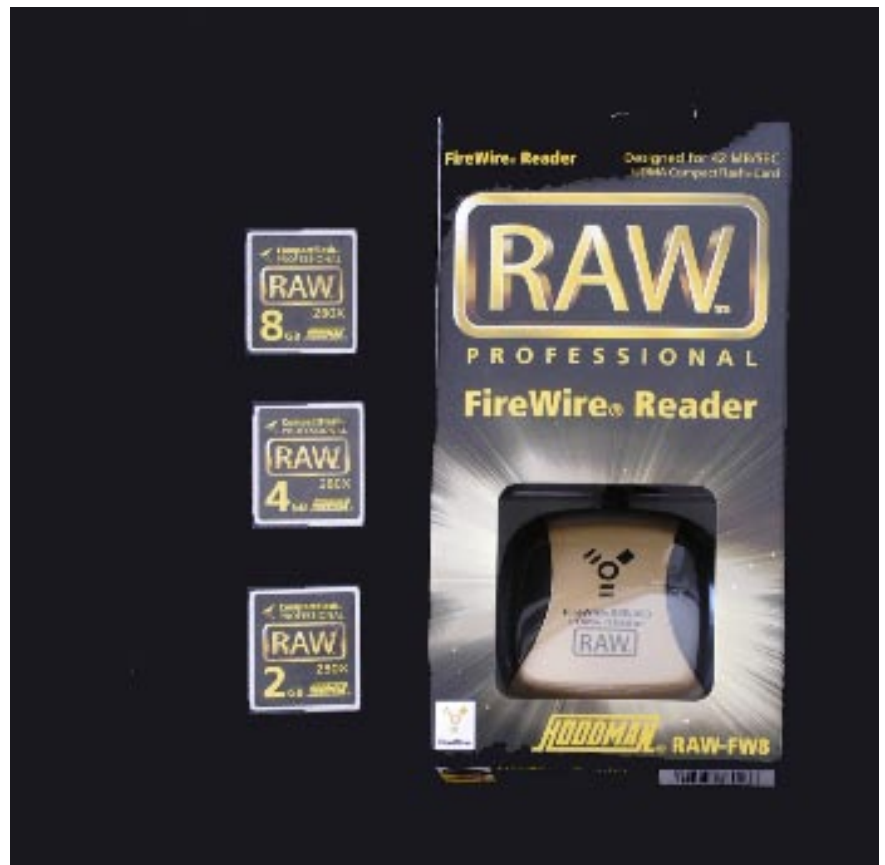
Phase One P25 digital back



Gitzo G1348 carbon fiber tripod

The Phase One P25 digital back is
courtesy of

Global Imaging, Inc.



The Compact Flash cards used by FLAAR, in our Nikon D200, Canon EOS 5D, and medium format PhaseOne P25 are all super-fast RAW CF cards from Hoodman USA. You can see Hoodman cards at PMA, at PhotoEast and other photography trade shows, or visit www.HoodmanUSA.com.

The Gitzo G1348 carbon fiber tripod is courtesy of Bogen Imaging, www.BogenImaging.com. All the contact information is readily available there.

You can see Gitzo, Manfrotto and other products of Bogen Imaging at PMA, PhotoPlus and other trade shows including Photokina in Cologne.

In over 40 years of photography, I have used Gitzo and Manfrotto tripods the past thirty years. I find it helpful to have a specific and pertinent tripod size and tripod head class for each camera or photographic situation.

For holding a medium format digital camera system I use, indeed I prefer, a Gitzo 1348 tripod because of its stability (has no center column to create wobble) and because of its height (most other tripods can't get your camera up high enough). And I prefer the light weight of carbon fiber for those shoots in distant foreign countries when I have to carry everything myself.

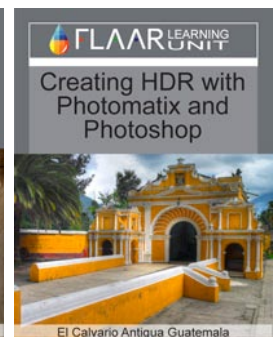
When I need even more height, or for a 4x5 large format digital BetterLight system at any height, I use the taller Gitzo tripods, of which FLAAR has several: the old pure metal variety as well as the newer carbon fiber Gitzo models.

We have found Hoodman CF cards to be extremely fast. We currently use a 2 GB, a 4 GB, and an 8 GB ultra-fast versions of Hoodman compact flash card memory: one for Nikon, one for Canon, one for medium format PhaseOne.

Copyright 2007-2009 FLAAR

Learn more in our:

FLAAR LEARNING UNITS *Creating High Dynamic Range images step by step*



[Click here to order these reports](#)



An Exhibit of Giclee Prints of Guatemala by photographer Nicholas Heilmuth



Essential Equipment for Successful Portrait Photography



Portrait Photography with Medium Format Digital Camera Backs



Photojournalism with Medium Format Digital Camera Backs



FLAAR Medium Format Digital Camera Initiative



Architecture Photography with Medium Format Digital Camera Backs



Landscape Photography with Medium Format Digital Camera Backs



Evaluation of Creo Leaf Valco 22 Medium Format Digital Camera



Nature Photography with Medium Format Digital Camera Backs



Fine Art Photography with Medium Format Digital Camera Backs



Resolutions for Inkjet Printing



Printers for Museum-Quality Prints



Creo EverSmart Supreme Scanner



Printers for Commercial Photography



HP DesignJet 130



Which Printer, Which Software for B&W Photos?



Photo-Realistic Quality on Diverse Media



Image Quality Analysis: HP 130 and Epson



Continuous Tone RGB Printers



Continuous Tone RGB vs. CMYK Inkjet



Workflow in Digital Photography



HP DesignJet 30



Scanning 35mm Slides and Negatives



Scanning Medium Format Transparencies



Printing your Photographs on Silk



[To learn more click here](#)



<p>FLAAR Reports</p> <p>Manfrotto QTVR Pano Tripod Head</p> 	<p>FLAAR Reports</p> <p>Using Medium Format Cameras with a Laptop Computer</p> 	<p>FLAAR Reports</p> <p>A Brief History of Capable of Doing Rollout Photographs</p> 	<p>FLAAR Reports</p> <p>Lighting Techniques for Digital Photography of Plants & Flowers</p> 	<p>FLAAR Reports</p> <p>Tripod Heads</p> 
<p>FLAAR Reports</p> <p>Medium Format Digital Cameras Combined with a QTVR Tripod Head of Panoramas</p> 	<p>FLAAR Reports</p> <p>Medium Format Cameras for Fine Art Photography</p> 	<p>FLAAR Reports</p> <p>Backdrop Paper for Photographing Plants & Flowers</p> 	<p>FLAAR Reports</p> <p>Illumination of Maya Archaeology pieces using North Light SunSpots</p> 	<p>FLAAR Reports</p> <p>How To Use Elinchrom Lights</p> 
<p>FLAAR Reports</p> <p>Evaluation of the Kodak SLR/n</p> 	<p>FLAAR Reports</p> <p>Westcott Spiderlites</p> 	<p>FLAAR Reports</p> <p>Snow Flowers Kodak SLR/n, Nikon 60mm Macro Lens</p> 	<p>FLAAR Reports</p> <p>Geared Tripod Heads</p> 	<p>FLAAR Reports</p> <p>Backdrop Paper for photographing Art & Archaeological Artifacts</p> 
<p>FLAAR Reports</p> <p>Aspects to consider for Rollout Photography</p> 	<p>FLAAR Reports</p> <p>Evaluation of the Kodak SLR/n</p> 	<p>FLAAR Reports</p> <p>Sunshades for your Camera LCD & for your Computer When out on Location</p> 	<p>FLAAR Reports</p> <p>Useful & Practical Equipment for Photography out on Location</p> 	<p>FLAAR Reports</p> <p>4x5 Cameras to Hold your Large Format Scan Backs</p> 
<p>FLAAR Reports</p> <p>Carbon Fiber Tripods in the Studio and out on Location</p> 	<p>FLAAR Reports</p> <p>Tungsten Lighting for Photographing Art & Archaeological Artifacts</p> 	<p>FLAAR Reports</p> <p>Tripod Head Computer Table</p> 	<p>FLAAR Reports</p> <p>Advantages of Using the GretagMacbeth ColorChecker</p> 	<p>FLAAR Reports</p> <p>Professional Fluorescent Lighting for Digital Photography</p> 

[To learn more click here](#)



**Phase One P 30
Medium Format
Architectural
Photography**



**Phase One P 30
Medium Format
Fine Art
Photography**



**Phase One P 30
Digital Back out in
location in
Central America**



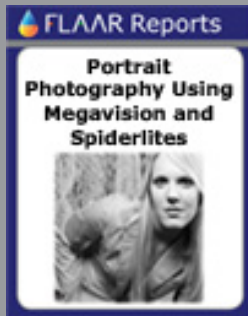
**FLAAR Reports
Evaluating the
Hasselblad H1
Abandoned Factory
& Rust**



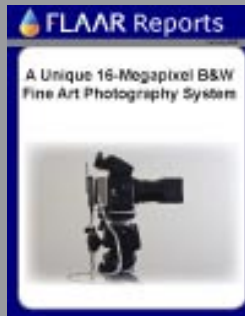
**FLAAR Reports
Evaluating the
Hasselblad H1
Barns and
Abandoned Houses**



**FLAAR Reports
Using a Leaf Valeo
Mamiya 645 AFD
for Fine Art Giclee
Photography**



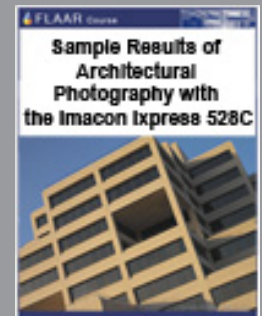
**FLAAR Reports
Portrait
Photography Using
Megavision and
Spiderlites**



**FLAAR Reports
A Unique 16-Megapixel B&W
Fine Art Photography System**



**FLAAR Course
Kodak Pro Back
Plus Medium Format
Digital Back (for
Hasselblad or Mamiya)**



**FLAAR Course
Sample Results of
Architectural
Photography with
the Imacon Express 528C**

[To learn more click here](#)

Your finished inkjet prints look so much better if the input is from a high quality camera.

If you prefer to buy a medium format digital back (and not just rent one), then we suggest you contact Capture Integration,

toll free 877 217-9870,

Atlanta office 404 522-7662,

Atlanta fax 404 522-7929

Miami telephone 305 534-5701,

Miami fax 305 534-1425

E-mail: info@CaptureIntegration.com

Capture Integration handles all aspects of medium format digital photography: portraits and everything.

But if you are especially interested in architectural photography, they have the special architectural camera bodies that can handle any brand of medium format digital back.

Plus, Capture Integration is one of the only companies in the US that can handle medium format Infrared photography with a digital back at full resolution.



If you wish to try out a Phase One medium format digital camera, you can rent one from Global Imaging Inc. They rent across the USA. Contact info is:

Greg Lamb, glamb@globalimaginginc.com
(Colorado office)

2011 Cherry Street, Suite 116
Louisville, CO 80027

Tel: 303.673.9773

Toll Free: 800.787.9801

Fax: 303.673.9923

info@globalimaginginc.com

We at FLAAR know the people of Global Imaging Inc for many years. They also handle wide-format inkjet printers: VUTEK, EFI Rastek, Mimaki, HP, Canon, Epson, etc., IMAGEPRINT, COLORPROOF XF, ONYX RIP software, and Zund XY flatbed cutters.