

FLAAR PHOTO  
ESSAY

August 2007

# How To get HDR in Photoshop CS3



La Selva Maya Guatemala

Photographs and Project Concept by Nicholas Hellmuth

Copyright 2007 FLAAR



**Before HDR**

Here are some examples getting High Dynamic Range in Photoshop CS3.



**End Result HDR**





***Before HDR***



***End Result HDR***



**Before HDR**



**End Result HDR**





***Before HDR***



***End Result HDR***

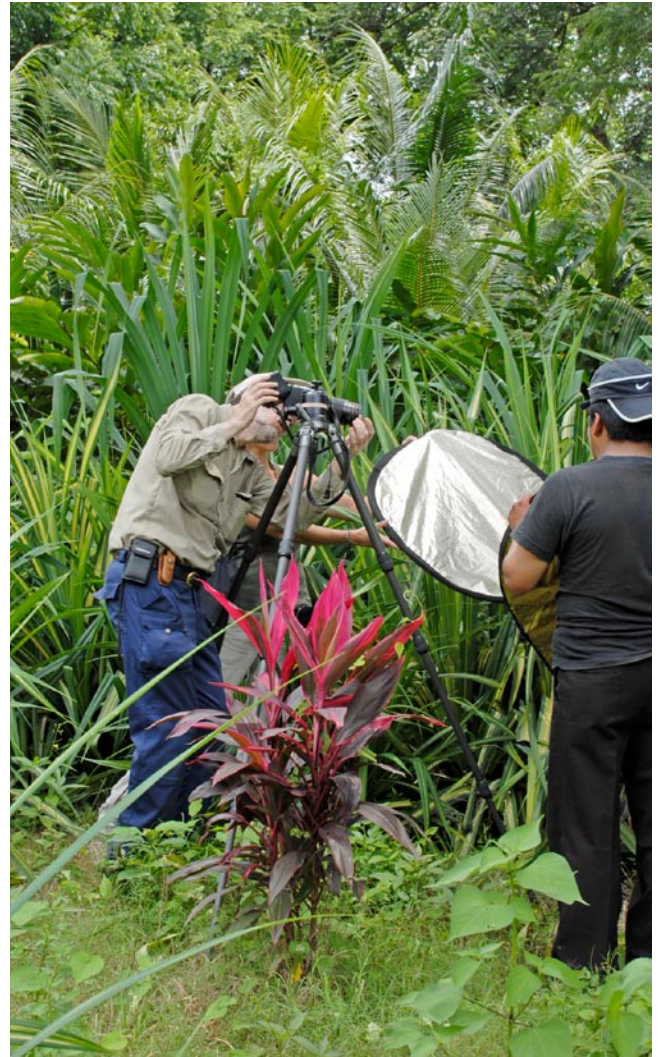




**Phase One P25 digital back**



**Hoodman CF cards. 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](http://www.HoodmanUSA.com).**



**Gitzo G1348 carbon fiber tripod**

The Phase One P25 digital back is courtesy of



The Gitzo G1348 carbon fiber tripod is courtesy of Bogen Imaging, [www.BogenImaging.com](http://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 Hellmuth**



**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 Valeo 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](#)



[To learn more click here](#)





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



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



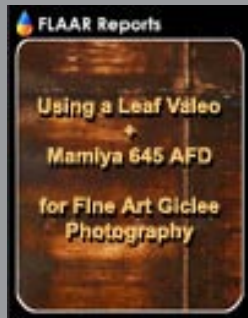
**Phase One P 30  
Digital Back out in  
location in  
Central America**



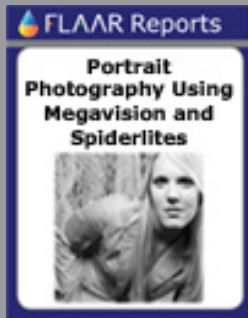
**FLAAR Reports  
Evaluating the  
Hasselblad H1  
Abandoned Factory  
& Rust**



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



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



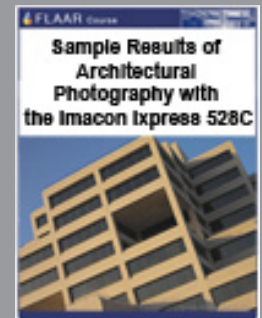
**FLAAR Reports  
Portrait  
Photography Using  
Megavision and  
Spiderlites**



**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 Ixpress 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](mailto: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](mailto: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](mailto: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.