

FLAAR PHOTO  
ESSAY

September 2007

# Creating HDR with Photomatix and Photoshop



## Capuchinas Antigua Guatemala

Photographs and Project Concept by Nicholas Hellmuth  
Photographs by Eduardo Sacayon  
Adobe Photoshop & Photomatix work by Juan Luis Sacayon

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*Photograph by Eduardo Sacayon  
HDR by Juan Luis Sacayon*





***Before HDR***



***End Result HDR***





*Photographs by Eduardo Sacayon  
HDR by Juan Luis Sacayon*





***Before HDR***



***End Result HDR***





***Before HDR***



***End Result HDR***





*Photographs by Eduardo Sacayon  
HDR by Juan Luis Sacayon*





**Before HDR**



**End Result HDR**





*Photograph by Dr. Nicholas Hellmuth  
HDR by Juan Luis Sacayon*





***Before HDR***



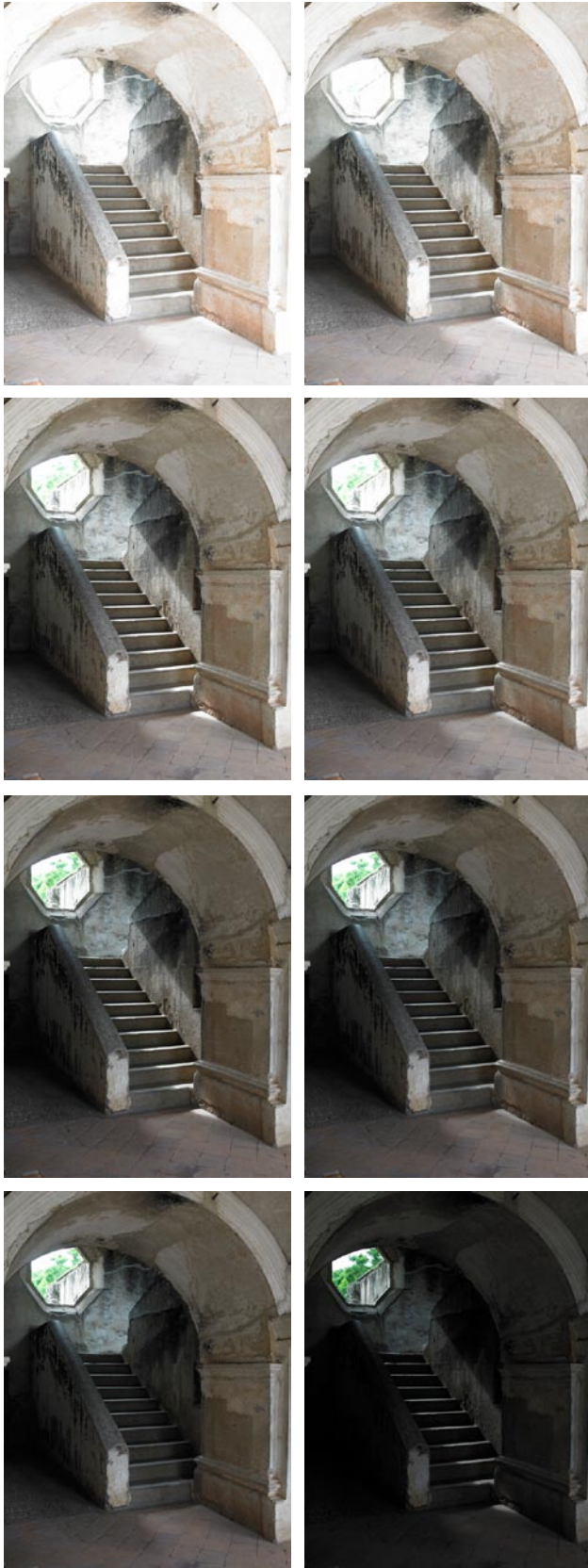
***End Result HDR***





***Photographs by Dr. Nicholas Hellmuth  
HDR by Juan Luis Sacayon***





**Before HDR**



**HDR Image end Result**





**Phase One P25 digital back**

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.



**Gitzo G1348 carbon fiber tripod**



*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).*



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.

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Medium Format  
Architectural  
Photography**



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



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

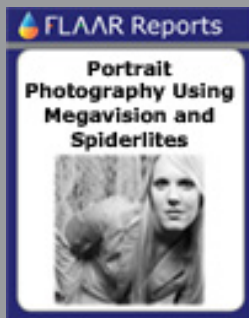
**FLAAR Reports  
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Abandoned Factory  
& Rust**



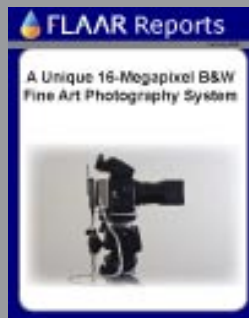
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the Imacon Ixpress 528C**



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## 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.