

## HyperSync® Results

### Nikon D4 + Einstein E640

#### HyperSync Only Disabled

#### Highest Energy

#### **IMAGES BEGIN ON THE NEXT PAGE!**

On the following pages you will find images generated using [HyperSync®](#) with the [Nikon D4](#) and the [Einstein E640](#). To achieve similar results, use the settings detailed below.

**Test Conditions:** These images were captured indoors, with the camera and flash positioned 6 ft (2 m) from a white wall. A standard reflector was used, but the light was otherwise unmodified. Your results may differ depending upon the position of your lights and ambient conditions.

**Transmitter Settings:** These images were generated using [FlexTT5](#) Version 3.400 – results may change with future firmware releases.

1. Use a [Nikon MiniTT1](#) or [FlexTT5](#) updated to the latest firmware.
2. Disable “[HyperSync Only](#)” under the “[HyperSync/HSS](#)” tab (this is the default setting).
3. All other transmitter settings may be left at their defaults.

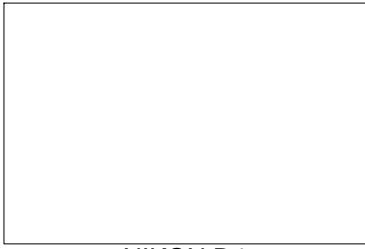
**Receiver Settings:** These images were generated using [PowerMC2](#) Version 2.400 – results may change with future firmware releases.

1. Use a [PowerMC2](#) receiver updated to the latest firmware.
2. Set the “[Optimize HyperSync Automation For:](#)” control to “[Highest Energy](#)” under the “[HyperSync](#)” tab.
3. All other receiver settings may be left at their defaults.

**Camera Settings:** The images in this document were captured using ISO 200 and f/11, at all camera shutter speeds. All other camera settings were factory defaults. Your results may differ depending on your camera settings and exposure.

**Flash Settings:** The Einstein E640 is an IGBT-controlled flash. Use the Einstein at full power for best results. These images were gathered at full power (+3 on the [AC3 ZoneController](#)) and half power (+2) to illustrate this flash behavior.

Visit the [HyperSync](#) page on the [PocketWizard Wiki](#) for more information!



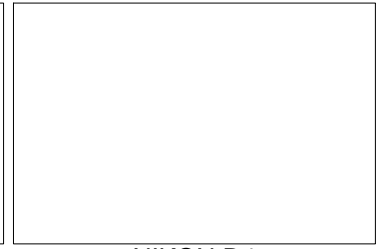
NIKON D4  
1/200 f/11



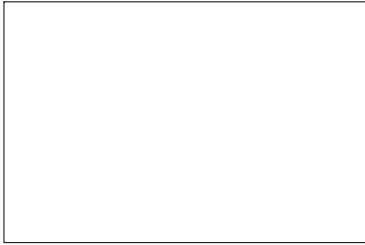
NIKON D4  
1/250 f/11



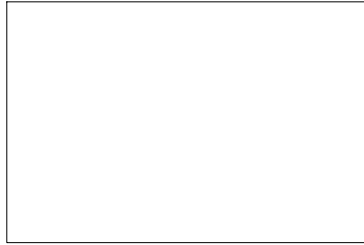
NIKON D4  
1/320 f/11



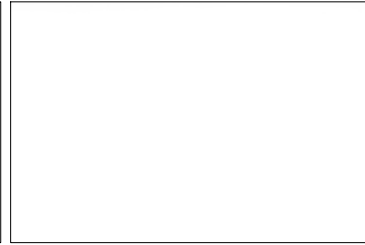
NIKON D4  
1/400 f/11



NIKON D4  
1/500 f/11



NIKON D4  
1/640 f/11



NIKON D4  
1/800 f/11



NIKON D4  
1/1000 f/11



NIKON D4  
1/1250 f/11



NIKON D4  
1/1600 f/11



NIKON D4  
1/2000 f/11



NIKON D4  
1/2500 f/11



NIKON D4  
1/3200 f/11



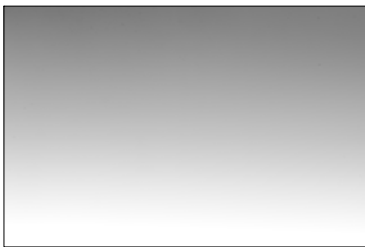
NIKON D4  
1/4000 f/11



NIKON D4  
1/5000 f/11



NIKON D4  
1/6400 f/11



NIKON D4  
1/8000 f/11

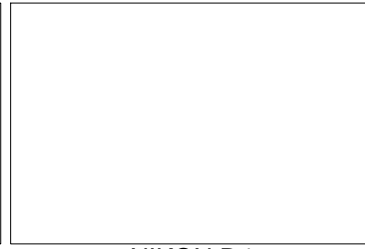
Nikon D4, Einstein E640, +3 (Full Power)  
HyperSync Only Disabled  
Optimize HyperSync Automation For: Highest Energy  
PDF Revision 1.1



NIKON D4  
1/200 f/11



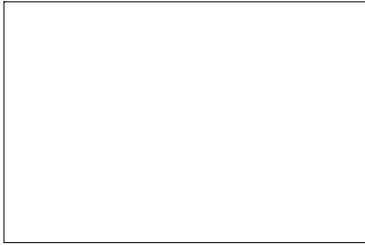
NIKON D4  
1/250 f/11



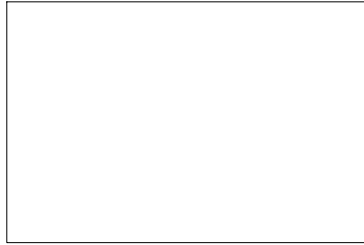
NIKON D4  
1/320 f/11



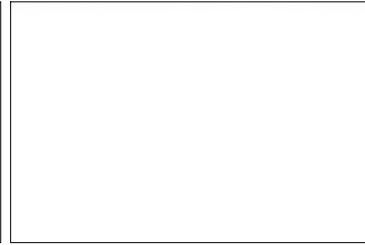
NIKON D4  
1/400 f/11



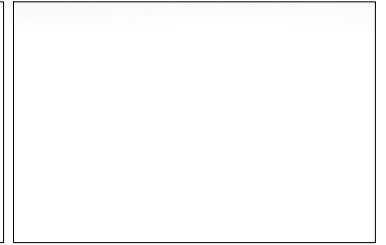
NIKON D4  
1/500 f/11



NIKON D4  
1/640 f/11



NIKON D4  
1/800 f/11



NIKON D4  
1/1000 f/11



NIKON D4  
1/1250 f/11



NIKON D4  
1/1600 f/11



NIKON D4  
1/2000 f/11



NIKON D4  
1/2500 f/11



NIKON D4  
1/3200 f/11



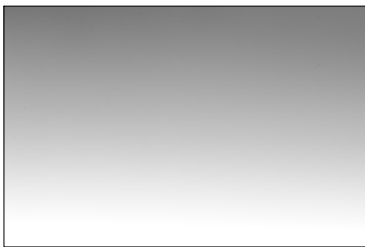
NIKON D4  
1/4000 f/11



NIKON D4  
1/5000 f/11



NIKON D4  
1/6400 f/11



NIKON D4  
1/8000 f/11

Nikon D4, Einstein E640, +2 (1/2 Power)  
HyperSync Only Disabled  
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PDF Revision 1.1