EPIC Pro

Your DSLR and the revolutionary EPIC Pro – the ultimate combination for capturing multi-gigapixel panoramas. Works with most DSLR cameras, and most camera/lens combinations.

Learn more at GigaPanSystems.com.

Powerful, accurate and easy to use, the EPIC Pro delivers.

Strong enough to hold a camera and lens combination of up to 10 lbs., the EPIC Pro will take hundreds, even thousands of detailed, individual images for one intricate panorama. The EPIC Pro is designed to meet the most challenging needs of the professional photographer in capturing panoramas that are amazingly crisp and vivid.

GigaPan offers the first complete solution for gigapixel imaging.

With the new, faster GigaPan Stitch software, your hundreds of photos are efficiently combined into a seamless gigapixel panorama and uploaded to GigaPan.com, where you can view, share and explore.

EPIC Pro HIGHLIGHTS

- **DSLR camera compatible** EPIC Pro works with almost all DSLR cameras.
- **Large lenses are supported** Camera and lens combinations of up to 10 lbs can be used.
- **Remote trigger port** Start a panorama remotely, or connect the EPIC Pro to the remote shutter port on your camera to delay the trigger before the EPIC Pro starts to shoot a panorama. Digital shutter control standard, several camera cables included.
- **Rechargeable battery pack (7.2V, 4300mAh) included** Charge the battery on its own or while inserted in the EPIC Pro.
- **Easy to use and incredibly accurate** Powered camera movement allows precision adjustment prior to start of panorama, for optimal positioning of the nodal point and varied camera/lens combinations.
- **Quick set up** Easy to secure EPIC Pro to tripod. Fits standard tripods, 1/4” or 3/8” and onboard bubble level for leveling.

EPIC Pro SPECIAL FEATURES

- **Optimized range of motion** 360 panoramic and -65/+90 tilt range of motion with precision incremental movement.
- **Clear and simple to navigate menu** Program the menu to quickly access frequently-used functions with the touch of a button, such as to move the camera or set the shutter delay. Screen is highly visible with back lit display.
- **Strong and durable yet lightweight** Excellent design with magnesium chassis and aluminum arm, the EPIC Pro weighs less than 8 lbs with battery pack.
- **Multiple triggering option** Allows the EPIC Pro to take multiple pictures at each image location up to 20 times per position for exposure bracketing or multiple image enhancement. Shutter method may be remote or manual.
- **Settings include:** option to repeat last panorama, pause and scroll, and order pictures as rows or columns.
1. GETTING STARTED

Equipment
- Tripod
- Digital camera and lens. Please visit GigaPanSystems.com for a list of compatible cameras.
- Clean memory card (at least 4 GB recommended, 8 GB preferred)

Battery Installation
Your EPIC Pro will arrive with its battery ready to be charged. Charge the battery while it is in the EPIC Pro or remove the battery to charge it on its own.
- To charge the battery on its own, open the battery compartment by flipping the compartment latch counter-clockwise and pulling the battery away from the unit. Charge the battery using the power cord.
- To charge the battery while it is in the EPIC Pro, plug the power cord into the unit’s battery port under the LCD display. You can also operate the unit while it is charging, if there is a sufficient level of charge on the battery.

Mounting the EPIC Pro on a Tripod
To ensure high quality images, it is essential to use a tripod that can support the weight of the EPIC Pro, camera and lens.
1. Center the EPIC Pro tripod mount over the tripod screw and tighten it until the EPIC Pro is secure.
2. Using the bubble level on the EPIC Pro, adjust the tripod legs or head until the EPIC Pro unit is level. Make sure the legs have secure footing on a solid foundation.

Mounting your Camera and Lens
1. Turn on the EPIC Pro by pressing the OK/Power button.
2. Press the down button to select the ‘Move Camera’ menu item. Press OK. Use the up and down arrows to move the EPIC Pro camera rail to an approximately level position.
3. To remove the EPIC Pro’s camera mounting plate from the camera, find the small silver pin on the bottom of the lever at the front of the camera mounting plate. Turn the silver pin clockwise, then rotate the lever clockwise. Now remove the camera mounting plate and attach it to your camera or lens.
4. Re-attach the camera mounting plate to the camera rail with the lens and camera attached. Ensure that it is securely fastened.
5. Balance the camera on the EPIC Pro by first loosening the camera rail by turning the knob underneath the rail clockwise. Estimate the center of the mass of the camera and lens. Adjust the camera rail so that the camera and lens are balanced at the center of the rotational axis.

6. Connect the electronic trigger cable to the trigger cable port on the EPIC Pro, which is located to the left of the LCD display. Connect the cable to the camera. Seven cables are provided with your EPIC Pro. Find out which cable is right for your camera by visiting SUPPORT at gigapansystems.com.

7. To set the EPIC Pro Field of View, find ‘Camera Setup’ under the EPIC Pro main menu. Follow the screen prompts. You will only need to do this the first time you use the EPIC Pro, unless you change the camera or lens.

**Camera Set-up**
Before your first panorama, you need to adjust a few of your camera’s settings. To find out whether your camera has these features, consult the manual that came with it.
1. Switch the camera to Manual Mode.
2. Adjust the focus and exposure.
3. Set the White Balance to Daylight, Cloudy, Tungsten or Fluorescent, based on the lighting conditions.

2. **TAKING A PANORAMA**

1. The first EPIC Pro menu item is ‘New Panorama’. Select ‘New Panorama’ and press OK.
2. Use the direction keys to point the camera to the top left corner of your scene, and press OK.
3. Now use the direction keys to point the camera to the bottom right corner of your scene, and press OK. While you’re doing this, you’ll be able to see how many horizontal and vertical pictures the EPIC Pro is going to take.
4. The EPIC Pro will display “Show Panorama?” to let you preview the panorama before it begins. Press OK if you want it to, or press X to continue without a preview.
5. You’ll now need to confirm whether you want to go ahead with the panorama by pressing OK. The EPIC Pro will run you through a checklist before it starts taking pictures.
6. Watch the scene while the EPIC Pro takes your panorama.

3. **STITCHING AND UPLOADING YOUR PANORAMA**

It is best to install the Stitch software prior to taking your EPIC Pro out in the field. The Stitch software requires a computer with at least 2 GB of RAM. You may either use a PC running Windows XP or greater or an Intel-based Mac running OS X Leopard (10.4+). If you have not already received a license key to access the GigaPan Stitch software, please contact mary@gigapansystems.com.

1. Upload your images to your computer. Open the GigaPan Stitch and click on the “Add Images” button. Select the images to stitch and adjust the number of rows to match your panorama.
2. If you need to remove images, select the images and click the “Remove Images” button.
3. When you’re happy with your selection click “Done” and select a place on your drive to save your panorama. Make sure you have at least 30 GB free on the selected drive.
4. Take a break while your computer stitches the images together.
5. Once the panorama is aligned, you can explore it by clicking and dragging on the image.
6. You may export your panorama as a TIFF or Adobe RAW file to make edits or changes in Adobe Photoshop.
7. If you would like to upload your panorama to GigaPan.com, select the “Upload” button (make sure you have already set up a free account with the GigaPan site).
8. Enjoy exploring your panorama!
4. EMBEDDING YOUR PANORAMA

You can easily embed your panoramas on another website with all the functionality of the GigaPan Viewer to pan and zoom.

1. Log in to GigaPan.com, and select ‘My Home’ to view your panorama.
2. Choose a panorama, and click on the ‘Embed’ link below it to access the Embedding Wizard.
3. The Embedding Wizard provides a list of customizable features that will automatically generate the appropriate HTML code for embedding a panorama.
4. First, select an initial view. Select ‘Entire Panorama’ option to embed your entire panorama just as it appears on GigaPan.org.
5. Or, select ‘A Specific Snapshot’ to have the embedded panorama load pre-zoomed to a snapshot of your choice. If you select ‘A Specific Snapshot’, click on the desired snapshot and its ID number will appear above its title and description. Enter the ID number in the text field.
6. To include additional snapshots in your embedded panorama, simply click on the desired snapshot and its ID number will appear above its title and description. Enter the snapshot ID number in the text field.
7. If you choose to include multiple snapshots, separate each ID number with a comma. (Note: the order in which you enter the snapshots will be the order that they will appear in your embedded panorama, and can be ordered however you’d like.)
8. You can include up to ten snapshots in your embedded panorama.
9. Once you’ve used the Embedding Wizard to customize your embedded panorama, click ‘Generate HTML’. Copy the HTML code paste into your website. To preview your embedded panorama, click ‘View Now’.

To embed a panorama owned by someone else, please contact the author for permission and a copy of the embed code. Click on the author’s name to view his or her profile, and select ‘Send a message’.

5. FREQUENTLY ASKED QUESTIONS

Q: Someone walked in front of my camera while I took pictures. What can I do?

A: Watch your camera while it takes pictures. If your camera misses a picture or if someone steps in front of it, press the “X” button to pause the panorama. Use the arrow buttons to back up and press “OK” to resume.

Q: What can I do if my camera misses several pictures?

A: First, ensure your camera has enough clear memory (we recommend at least 4GB) to accommodate all of the images. If your camera misses a lot of pictures, you may need to adjust the time between each shot. Select ‘Time Per Pic’ under ‘Options’ in the EPIC Pro Menu and increase the time between each shot.

Q: How do I stop a panorama?

A: You can stop the EPIC Pro at any time by first pressing the “X” button to pause the EPIC Pro, then following the screen prompts.

Q: How do I adjust the field of view?

A: Select ‘Camera Setup’ in the EPIC Pro Menu to reset the field of view.

Q: How do I take a 360-degree panorama?

A: Turn on the EPIC and use the arrow buttons to select ‘360 panorama.’ Then follow the prompts on the screen.

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