

Assumptions

- You know how to create an FTP user and/or user within Gallery 3
- Your Eye-fi card is working with whatever wireless network you have

Overview of how Eye-fi works

Inside the Eye-fi card is a small wireless LAN transmitter in addition to 4GB (or 8GB) of SD card space. Depending on how you have the card configured, it will either automatically upload every shot as it's taken, or only shots marked as protected in your camera or all shots except protected ones. You can decide where that goes – if your computer is on the same wireless network then you can deliver it to your PC. It can also be configured to send it to a number of places on the internet, it's limited to the local PC plus one other destination (you can configure more, but can only have one active setting at a time) but of course until the card is full you still have the pictures on the card.

It will only ever upload the pictures “as is” via Eye-fi's servers, any resizing you configure will happen at Eye-fi's server before being sent on to the final destination. You do not pay for this onward transmission.

You can configure the card in a number of ways – not least what Eye-fi refer to as “endless memory” mode – where it will automatically erase the oldest *successfully uploaded* images to make room for new ones once it reaches a pre-set threshold of free space. Only you can decide which particular set up works for your work flow pattern.

In my own case since I carry a phone capable of becoming a wireless hotspot (and often a separate 3G wireless router) pretty much all of the time, it means I can upload the images to my gallery instantly (subject to having a phone signal of course – in case I don't then it will upload as soon as the camera is on and there is an internet connection). Under normal circumstances the shot is in the web space or gallery software around 2 minutes after it was taken.

All uploads to the internet go via Eye-fi's servers located in San Jose, CA, USA – if you're in Australia and so is your web space then that's not ideal in network terms but that's the way it is and it works well for the most part. Depending on what you have configured your Eye-fi card to do with the pictures you take and store on it, it will then be relayed via the appropriate mechanism to wherever you asked it to be relayed. Uploads to your chosen destination will always appear to come from the host name *ap.eye.fi* (IP address 199.192.197.2 at time of writing).

Automatically uploading via FTP

Create an FTP upload account in your Hosting Photography control panel – all it needs is write access to a directory of your choice. See under “Help” in the FTP Accounts section of the Control Panel. Make a note of the user name & password you chose for both.

In Eye-fi Center, assuming your card is already set up to upload the photos to your computer. Then enter the sharing set up (File > Settings > Eye-fi Card > Photos > Online).

Click on “More Sites” and under “Featured” you should see an option for FTP. Click it and fill in the dialogue boxes with the details you noted above. The URL to use is simply your ftp server name, prefixed with *ftp://*

Username	<input type="text" value="ftpuser@domain.com"/>
Password	<input type="password" value="....."/>
URL	<input type="text" value="ftp://ftp.domain.com"/>

In “Advanced Settings” you can change some characteristics of what is uploaded – but since the Eye-fi card will always upload the full-size image to Eye-fi’s transit server, then resize it – you may as well send the full-sized image to your web space (after all you already paid the data fee to get it to the Eye-fi server).

Click “Connect to Server” and it will test the connection. If all goes well, you’re set.

Automatically uploading to Gallery3

In Gallery3 – ensure that you have the module “REST API Module” is loaded and that the user you’re going to use to upload has permissions to upload photos and create albums. Make a note of the user name & password you chose for both.

In Eye-fi Centre - (File > Settings > Eye-fi Card > Photos > Online), click on “More Sites” and under “Sharing” you’ll see “Gallery 3”. Click it and fill in the dialogue boxes using the username & password from above. The URL should be the whole URL to your Gallery 3 install – for example <http://domain.com/gallery3/> (there’s no need to include the index.php)

Click the check box to set it for both photo & video (this is Eye-fi’s recommendation).

Make your choices on the options under “Advanced” you can you can change some characteristics of what is uploaded – but since the Eye-Fi card will always upload the full-size image to Eye-fi’s transit server, then resize it – you may as well send the full-sized image to

your web space (after all you already used the data allowance to get it to the Eye-fi server).

Then click “Connect to Gallery 3” and it should do exactly that.

Username	<input type="text" value="username"/>
Password	<input type="password" value="*****"/>
URL	<input type="text" value="http://domain.com/galle"/>

Settings

Upload both photos & videos to Gallery 3

Account title	<input type="text" value="My Gallery 3"/>
Album name	<input type="text" value="2012-02-01 (%Y-%m-%d)"/> ▼ <small>Uses photo creation date</small>
<input checked="" type="checkbox"/>	Add "(by Eye-Fi)" to album name
<input checked="" type="checkbox"/>	Add geographic location to description <small>(eg. Mountain View, California, United States)</small>
<input type="checkbox"/>	Add description
	<input type="text" value="Effortlessly uploaded by Eye-Fi"/>