

If you link to this page make sure you link to <http://www.iki.fi/vahonen/computer/digiphoto/G1lensmate.html> and not to the address in address bar !!! The address in address bar is just a temporary address and may change but the [www.iki.fi](http://www.iki.fi)... is going to be the same as long as I live.

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# G1 LensMate

## Why LensMate adapter ?

Canon makes Lens Adapter LA-DC58, but Canon had made a mistake while designing it. It is too big! It masks the output of the internal flash (LensMate also masks) and blocks the autofocus light too. It has 58mm threads and the lenses and filters are much more expensive in that size. Canon adapter is made from plastic.

[LensMate adapter](#) on the other hand is as small as it is possible with G1. It has 49mm threads what are more common and cheaper too. LensMate is made of aluminium.



## Accessories to use with adaptor

1. UV-filter: To protect the lens and the zoom in the camera. I'm going to use LensMate with UV-filter all the time, except when I'm going to use external lenses. I have Soligor 49mm UV-filter.
2. Linear Polarizer: Excludes glare and reflections, brings out color and form, renders blue sky accurately. I have Tokina 49mm Circular Polarizer. Example photos: [removes reflections, deeper colors](#), [removes reflections, deeper colors 2](#), [light seem come from different directions](#), [light seem come from different directions 2](#),
3. Wideangle lens: To fit more stuff in the picture. I'm taking a lot of landscape/architecture photos and then wideangle lens is very good (not in all cases but very often). I have Sigma 0.5x (46mm threads, 49mm->46mm adapter ring included and 52mm->49mm adapter too). Average quality (weight only 111g(132g with lenscaps) -> it will probably have plastic lenses), vignetting at 7mm. 9.35mm focal length is usable -> 0.66x -> Widest angle is 4.6mm (23.5mm@35mm system). Check is comparison of G1 tele, G1 wide and G1 wide+Sigma 0.5 [here](#). Focus from 0cm to infinity. With G1 max telephoto good macro performance, example [here](#). I'm going to buy better wideangle lens in summer. It should have 58mm threads for avoiding vignetting and it should be high quality. Those lenses are expensive, but I hope I find one from second-hand market. **Sigma cannot be used as wideangle lens with G1, because the picture quality is very poor. I'll use it mainly for close-up/macro lens.**
4. Telephoto lens: To "get closer" to the subject or to take pictures without disturbing the subject. It might be useful for making depth of field smaller in some situations. [Test of telephoto lensen \(Canon TC-DC58 and Olympus B-300\)](#).



**Update 31.01.2001** I got my LensMate adaptor and I bought UV-filter (SOLIGOR UV-filter 49mm Solid Optical Glass) and lenscap. Camera is better to handle with the adaptor than without it, the grip is much steady. The LensMate total cost was: \$20 for adaptor, \$5.5 for shipping. I ordered it 16.1.2001 (send a letter with money in it) and it arrived 31.1.2001. I'm very pleased for service from LensMate.

**Update 8.2.2001** I have tried many different wide-angle lenses with LensMate-adaptor and G1. The result is depressing: all had some faults or just didn't give much difference compared to normal wide angle without any extra lenses. I tried Emson 0.45x 49mm (good photo quality in center but vignetting occurs), Emson 0.45x 37mm (same problem and the vignetting is as big as with 49mm version) [[Example photo, good quality except vignetting, no chromatic aberrations](#)], Raynox 0.5x 52mm with 49mm->52mm step-up ring (vignetting and bad photo quality), big lens with "jaws", which fasten to inside of the lensmate (good quality but G1 doesn't have enough big focus range and this is useless and chromatic aberrations are bad) [[Example photo, Good optical quality, bad aberrations\(look into lamps in the roof and curtains&windows \(you can see them better in full-size photo\)\)](#)], same as previous but smaller and it fasten inside G1 "lens barrel" (focusing is more difficult, can't focus to longer distances than 3 meters) [[Example photos, no chromatic aberrations, sharp picture between 0.5-3 meter, some odd reflections](#)], Sony DSC-S70 0.7x (focusing problems) and Tokina 0.5x (great quality but vignetting occurs). Couple of 0.7x lenses has worked well (for example Panasonic wideangle lens, which comes with Panasonic video camera) but the difference between 1.0x vs. 0.7x is so small that I'm not buying 0.7x converter before I know for sure that there are no 0.5x lenses, which work with G1 without vignetting. The diameter of the lens of G1 is much bigger than the diameter of video camera lenses and that's why vignetting occurs with 52mm wideangle lenses.

**Update 7.3.2001** I bought 49mm -> 58mm adaptor ring for testing wideangle lenses.

**Update 19.3.2001** I bought Polarizer Filter (Tokina 49mm Circular 120FIM/20EUR/\$18.5). Example photos in "Accessories to use with adaptor"-list.

**Update 29.3.2001** I bought Sigma 0.5x (46mm threads) from second-hand market.

**Update 9.4.2001** Olympus A-28 seems to be good wideangle lens for G1. But it's only 0.8x (same as Canon). It's only \$85 and the Canon costs \$200, barrel distortion is also smaller. [The Article in dpreview's Canon forum](#).

**Update 12.4.2001** Raynox CRW-6600 has some fuzziness & unsharpness in the corners. Barrel distorsion seems low as advertised.



## Links

[LensMate](#) is maker of LensMate adaptors. They also sell other stuff for example close-up lenses, filters.

[Raynox](#) makes lenses and protective filter for G1.

[G1 Macro](#) is page with some experimentation with G1 & Macro.

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*Last update 12.4.2001*