

Interactive comment on “HOLIMO II: a digital holographic instrument for ground-based in-situ observations of microphysical properties of mixed-phase clouds” by J. Henneberger et al.

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AMTD Manuscript Review

Title: HOLIMO II: a digital holographic instrument for ground-based in-situ observations of microphysical properties of mixed-phase clouds

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General Comments

C1407

This paper describes the operating principals and performance of ground-based holographic instrument in mixed-phase clouds. The manuscript is nicely written, with generally good figures. The characterization of the instrument is well done. I am not an expert in holography so the details about the data analysis algorithm (Section 3.1 and parts of Appendix A) were mostly over my head and I can't comment on that.

I am submitting a marked-up PDF with just a handful of comments. Only one (p. 4198, line 11) will take more than a minute to deal with, and it's rather straightforward. This manuscript was a pleasure to review!

Please also note the supplement to this comment:

<http://www.atmos-meas-tech-discuss.net/6/C1407/2013/amtd-6-C1407-2013-supplement.pdf>

Interactive comment on Atmos. Meas. Tech. Discuss., 6, 4183, 2013.

C1408