



Figure 15. Detection result images (1: aiming a camera held by both hands, 2: aiming a camera held by a single hand, 3: presence of a tripod)

5. Conclusion

In this report, we proposed two countermeasures against content leaks from photo shooting, and presented the results of such countermeasures obtained by the experiment of 2 approaches. We intend to continue the research and development of the following items in order to enhance the feasibility of the respective countermeasures.

Countermeasure 1:

- (1) Production and evaluation of the prototype IR light emitting sheet after production of the glass phosphor with a high level of transparency and conversion efficiency that has a refractive index equal to that of the resin.
- (2) Development of the thin, transparent and flexible organic EL (electroluminescence) sheet which emits near-infrared light.

Countermeasure 2: Enhancement of accuracy in detection of recording in combination with different types of image processing technologies and by conducting experiments in a variety of situations.

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