

# Development of 1um camera for Planet-C

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The Venus mission Planet-C is under development scheduling a launch in 2008. The main purpose of the mission is to understand the mechanism of super-rotation of the atmosphere by imaging the cloud structure at various wavelengths. The status of development of 1um camera is reported here. The 1um camera works both in day and night. In daytime, it images scattered sunlight from the cloud layer 45-70km, and at night it can see thermal emission from the surface.