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P/MS CAMERA FOR ZIYUAN-1 02C SATELLITE

**Abstract**

P/MS (pan/multi-spectral) Camera is one of the main payloads of the satellite of Ziyuan-1 02C. It is a new generation camera of multi-spectral bands, which is developed by China independently. The satellite was launched successfully on 22 November, 2011. The camera was powered on next day. The image is transferred successfully. P/MS camera has one pan band of GSD 5m, 3 multi-spectral bands of GSD 10m. The swath of camera is 60 km. It also has the sight watch of 32. This paper gives the assembly of the P/MS camera, its characteristics and test results in laboratory. It also gives the image quality and the test results in orbit.