# Camera Payload Systems for the LAPAN A2 Experimental Microsatellite

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**Abstract**

LAPAN A2 is the second LAPAN satellite that assembly, integrating, and testing (AIT) was completed in early 2013 and will be launched in 2014. Orbit of this satellite is circular and planned to near equatorial with altitude approximately 630 km. Payload of these satellites are two camera systems, Automatic Identification System (AIS) for vessel traffic, and amateur radio. Camera satellite system has some enhancement compared LAPAN previous satellite generation. The main enhancements are digital camera and digital transmitter, data storage for payload system, automatic attitude mode, and attitude data streaming. This paper will describe the payload system configuration, Camera payload system specification, and AIT camera payload system. Finally ground test of camera until AIT satellite completed and the result will be presented.

Keyword: Camera, Payload System, and Test Result