

“The DECALS Software for the Dark Energy Survey Spectrophotometric Calibration System”

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DECALS is a fully automated remote control program for the Dark Energy Survey spectrophotometric calibration system (DECAL). Expected to be used roughly once a month to calibrate the Dark Energy Camera, DECALS provides a TCP/IP server with commands to give the user access to all aspects of the calibration. There is a separate "expert mode" used for installation and debugging purposes. Data gathered from the DECAL system will track changes in the throughput of the complete optical path of the telescope system.