SODISM has been more than 1000 images of the Sun at several wavelengths. The shape of the space instrument (SODISM II) installed at the Calern site (France) has taken more than 100000 images of the solar radius over a period of more than three years. Observations in space reveal the different wavelengths of the Sun's edge at various phases of the solar cycle, the variations of the solar diameter. The SODISM telescope is equipped with two detectors, one for the visible range and another for the ultraviolet range.