

Annotation

In this diploma project, a remote control system for a weather station based on an Arduino microcontroller has been developed for the user's needs. The analysis of the types of devices of the Autonomous remote control weather station was also carried out, the necessary technical and software parts were implemented, and the possibilities for further improvement of the system were considered. In the economic part, the costs of installation of equipment and wages of employees are calculated. In the section "life Safety", ventilation in the operator's room, artificial lighting, electrical safety, and grounding are calculated.