Lemari Penerima Paket Berbasis Internet Of Things

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ABSTRACT

The shipping process is growing in the current era. From the start of shipping which is only in the form of paper penetrates into delivery of goods. Along with the increasing need for increased delivery of goods, several problems have been raised. One of the problems is the delivery of goods that are not on time so that we as recipients of the package must standby at home/office in order to receive the packages. In the case, there are indeed several alternative actions such as the package being deposited to nearest neighbour and picking up the package delivered the next day. Therefore, in this study a prototype of an IoT-based packet receiving cabinet will be made using the Esp32-cam Wi Fi module and Arduino nano as the main component that can connect the system with telegram. The method used in the development of this system in the prototyping method. This system uses two options to open and close packages using a keypad, change the code via telegram and send notifications in the form of taking photos using the camera which will then be sent to the user via telegram. In addition, the key on the keypad can be changed as desired by using telegram.

Keywords: IoT, esp32-cam, package, keypad, telegram