ABSTRACT

INTERNET OF THINGS (IOT) BASED SMART PACKAGE RECEIVER BOX.

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As online shopping increases in Indonesia, so does the use of delivery services. This creates several problems. The problem that can arise due to the increase in delivery services and online shopping is the absence of a package recipient at home, which causes the package to be left with a neighbor or delivered the next day. Therefore, in this research, an "Internet Of Things (IoT) Based Package Receiver Box" will be made. This package receiving box is made with an ESP32-CAM Microcontroller, Ultrasonic Sensor, PIR Sensor, Selenoid Door Lock, and LCD. This system can send notifications, send photos and count the number of incoming packages which will then be sent to the user using the telegram application. This package receiving box will make it easier for users to receive packages if the user is not at home.

Keywords: Package Box, Delivery Service, Telegram, Ultrasonic Sensor, Camera, Internet Of Things.