

# Adjust RFID Reading Speed (Tx Cycle)

## ISSUE

Reading RFID tags are too slow

## APPLIES TO

RFID Readers (RF851, RF300, RF750)

## RESOLUTION: Adjust Tx Cycle

If you change the Tx Cycle value, you can adjust the tag reading speed.

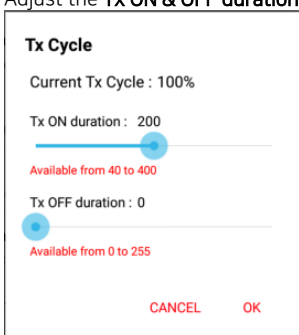
Tx Cycle (Transmit Cycle) is the option to set the radio transmission cycle. It is determined by Tx ON duration and Tx OFF duration.

Higher Tx Cycle reads the tag faster.

<b>Tx ON duration</b>	Duration to ON the transmission signal. The higher Tx ON duration, the better performance (But power consumption will increase) <ul style="list-style-type: none"><li>• Range: 40 ~ 400 (msec)</li><li>• Default: 200</li></ul>
<b>Tx OFF duration</b>	Duration to OFF the transmission signal. the lower Tx OFF duration, the better performance. <ul style="list-style-type: none"><li>• Range: 0 ~ 255 (msec)</li><li>• Default: 0</li></ul>

## Adjust with RFIDControl

1. Launch RFIDControl on the host device, and connect RFID reader.
2. Open Side Menu bar and select **Configuration**.
3. Select the **Tx Cycle**.
4. Adjust the **Tx ON & OFF duration** in accordance with your reading environment.



If you want to adjust continuous reading, tag data, etc., refer to [RFIDControl user guide](#).

(The guide requires log-in. If you are a Point Mobile partner, contact Point Mobile team to get account.)

## RELATED ARTICLES

- [RFID Configurations \(Preview\)](#)
- [Auto Update RFID Configuration via RFID Control](#)
- [Change Configuration of RFID Sled](#)
- [Filtering RFID tag](#)