

ION TP5 Tablet Locking Mechanism

All ION TP5 Tablets have a built in locking mechanism that can be controlled by an application running on the tablet that is physically connected to a base.

The locking mechanism and cash drawer share a control board. By default that control board is accessed via COM2. The manufacture default settings for the COM port are below.

Baud Rate:115200 Data bits: 8
Parity: None Stop bits: 1

The following command can be sent to the control board to lock and unlock the mechanism. The lock and unlock commands only work while the base locking switch is set to locked.

Set Electromagnet Device Lock/Unlock Command

Send: **1B 42 02 01 [n] [s] 00 0D**

[n] = Electromagnet Device Lock/Unlock

0x00: Unlock

0x01: Lock

[s] = Auto lock time (sec) after unlocked (if tablet not pick up)

Valid Values = 0x05 - 0x3C (5 - 60 sec)

It is advised to alert the user to wait 5 seconds after sending the unlock command before physically removing the tablet, as removing the tablet while operating the locking mechanism can cause it to seize and require manual operation of the locking mechanism.

NOTES:

System **stays locked** until it receives unlock command "1B 42 02 01 **00 0A** 00 0D".

If end user **doesn't pick up tablet**, then 10 seconds later the electromagnet device will auto lock, end user cannot pick up tablet unless the unlock command is resent.

If end user **picks up tablet then puts it back**, the electromagnet lock will be auto lock right away, ignoring the unlock time that was passed with the command.