Setup Instruction

Upload Transponder Firmware

If Arduiono IDE not configures for Xiao ESP32C3 then follow the instruction from
https://wiki.seeedstudio.com/XIAO_ESP32C3_Getting_Started/
Then open the project MeshESPC3Slave.ino . Asume that the HMI is noda A. So
transponders are B, C, D, E, F, G, H, I node as each HMI supports 8 nodes right
now. Before uploading the code, specify Node name in the source code at line 57
 doc["name"] = "C";
Save the file and upload it to the transponer ESP32C3.

Upload HMI Firmware

If Arduiono IDE not configures for Xiao ESP32S3 then follow the instruction from
https://www.youtube.com/watch?v=lkN_amp8X2Q
Then open the project CrowPanel_Lesson6.ino . Asume that the HMI is noda A. So
transponders are B, C, D, E, F, G, H, I node as each HMI supports 8 nodes right
now. Now upload it to HMI board.

Options for HMI upload

The Library version must maintain for ESP32 board 2.0.17.

esp32 by Espressif
Systems

2.0.17 installed

Boards included in this package:
UM FeatherS2, Hornbill ESP32
Minima, Heltec WiFi LoRa 32,...
More info

2.0.17 ∨   **REMOVE**

Select ESP32S3 Dev Module from Tools ->Board Manager.
Select Huge App(3MB No OTA/...) from Tools->Partition Scheme ...
Select OPI PSRAM from Tools->PSRAM
Now upload the firmware to HMI.