



# HAPI Support Documentation

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## Master Controller Installation Procedure

Step	Description	Location/Command
1	Burn microSD with the latest version of Raspian	<a href="https://www.raspberrypi.org/downloads/raspbian/">https://www.raspberrypi.org/downloads/raspbian/</a>
2	Boot Pi from the SD	Login: pi Password: raspberry
3	Download pip	wget <a href="https://bootstrap.pypa.io/get-pip.py">https://bootstrap.pypa.io/get-pip.py</a>
4	Install pip	sudo python get-pip.py
5	Install the schedule package	sudo pip install schedule
6	Install SQLite3	sudo apt-get install sqlite3
7	Install git	sudo apt-get install git
8	Clone the HAPI github repository	git clone <a href="https://github.com/mayaculpa/hapi.git">https://github.com/mayaculpa/hapi.git</a>
9	Install arp-scan	sudo apt-get install arp-scan
10	Configure user and password data	

## Master Controller Configuration Procedure

Step	Description	Location/Command
1	Navigate to hapi/master_controller	cd hapi/master_controller
2	Run SQLite	sqlite3 hapi.db
3	Setup rtus	Insert rtu data into rtus table
	*Use arp-scan to find online rtus	
4	Setup Pins	Insert pin data into pins table
5	Setup schedule	Insert schedule data into interval_schedule
	*Simplify/describe steps 3-5	