





FruitFlyNet

A Location-aware System for Fruit Fly Monitoring and Pest Management Control

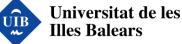
OliveFlynet pilot implementation in Jordan



















This presentation has been produced with the financial assistance of the European Union under the ENPI CBC Mediterranean Sea Basin Programme. The contents of this presentation are the sole responsibility of AUA/ ARO/ NCARE/ CRA-FRU/ UIB/ UTH and can under no circumstances be regarded as reflecting the position of the European Union or of the Programme's management structures.

The 2007-2013 ENPI CBC Mediterranean Sea Basin Programme is a multilateral Cross-Border Cooperation initiative funded by the European Neighbourhood and Partnership Instrument (ENPI). The Programme objective is to promote the sustainable and harmonious cooperation process at the Mediterranean Basin level by dealing with the common challenges and enhancing its endogenous potential. It finances cooperation projects as a contribution to the economic, social, environmental and cultural development of the Mediterranean region. The following 14 countries participate in the Programme: Cyprus, Egypt, France, Greece, Israel, Italy, Jordan, Lebanon, Malta, Palestine, Portugal, Spain, Syria (participation currently suspended), Tunisia. The Joint Managing Authority (JMA) is the Autonomous Region of Sardinia (Italy). Official Programme languages are Arabic, English and French (www.enpicbcmed.eu).

The European Union is made up of 28 Member States who have decided to gradually link together their know-how, resources and destinies. Together, during a period of enlargement of 50 years, they have built a zone of stability, democracy and sustainable development whilst maintaining cultural diversity, tolerance and individual freedoms. The European Union is committed to sharing its achievements and its values with countries and peoples beyond its borders.

The project FruitFlyNet total budget is 1.662.872,32€ and it is financed, on an amount of 1.496.585,09€ (90 %), by the European Union (ENPI CBC Mediterranean Sea Basin Programme) through the European Neighbourhood and Partnership Instrument.















Softwares

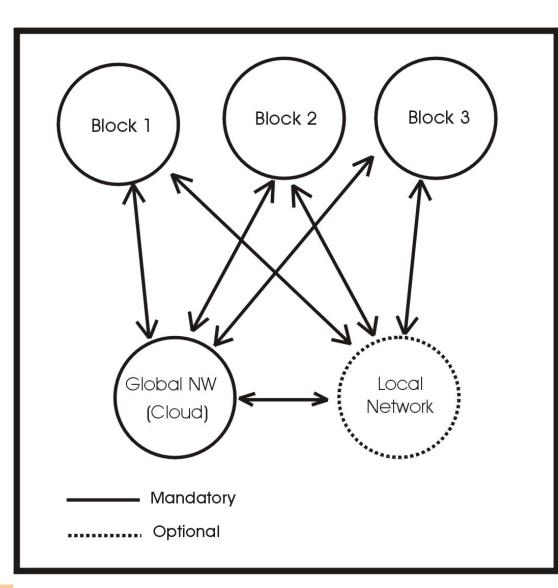
- 1. Controller board software
- 2. Raspberry-Node software
- 3. Raspberry-Server Software
- 4. PC infrared-graphical user interface software
- 5. Field server to central server software (done not tested)
- No Static IP address- control within nodes and servers
- 6. Camera test and adjustment softwares

Configurations

- Raspberry
- Node
 -etc





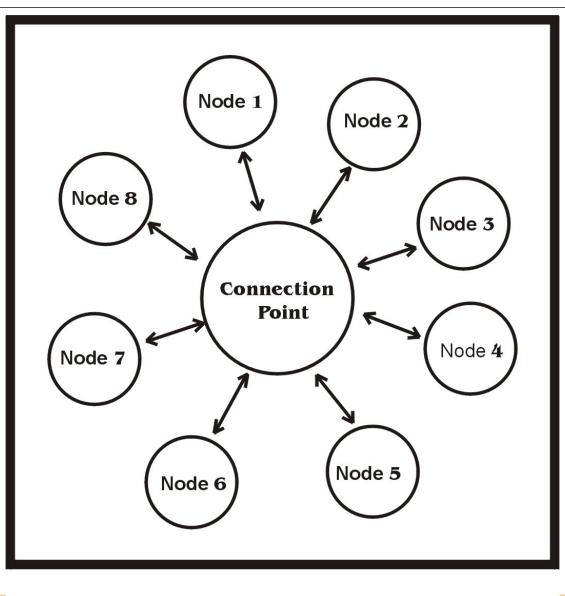




System Schema





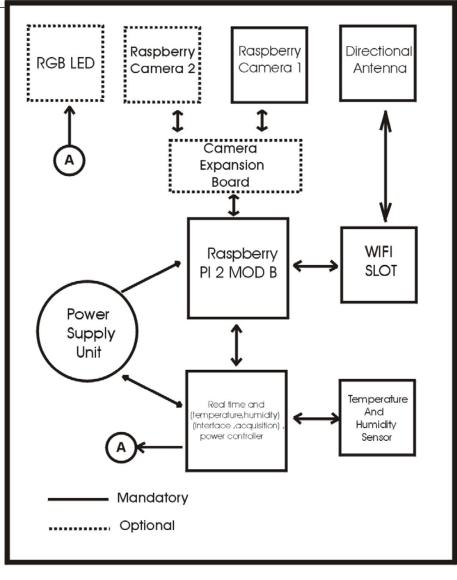




BLOCK SCHEMA





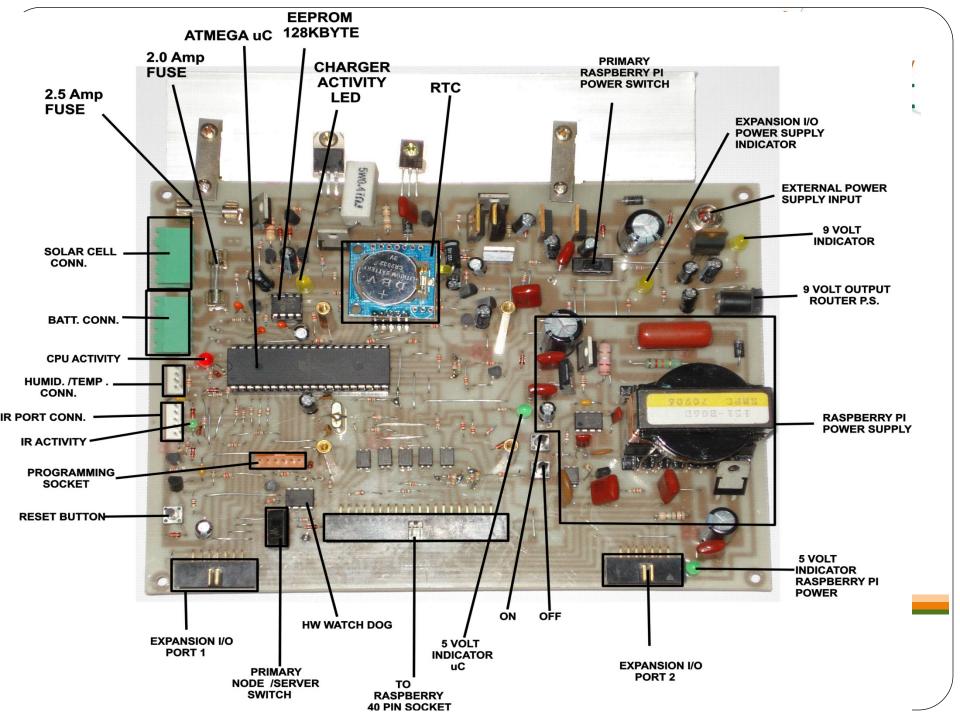


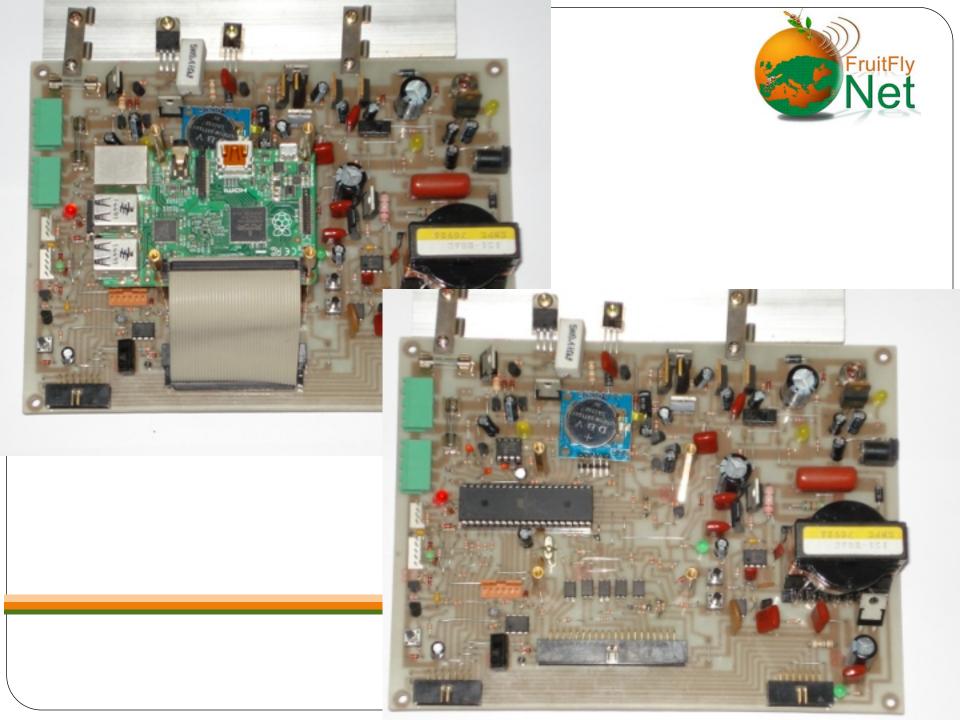


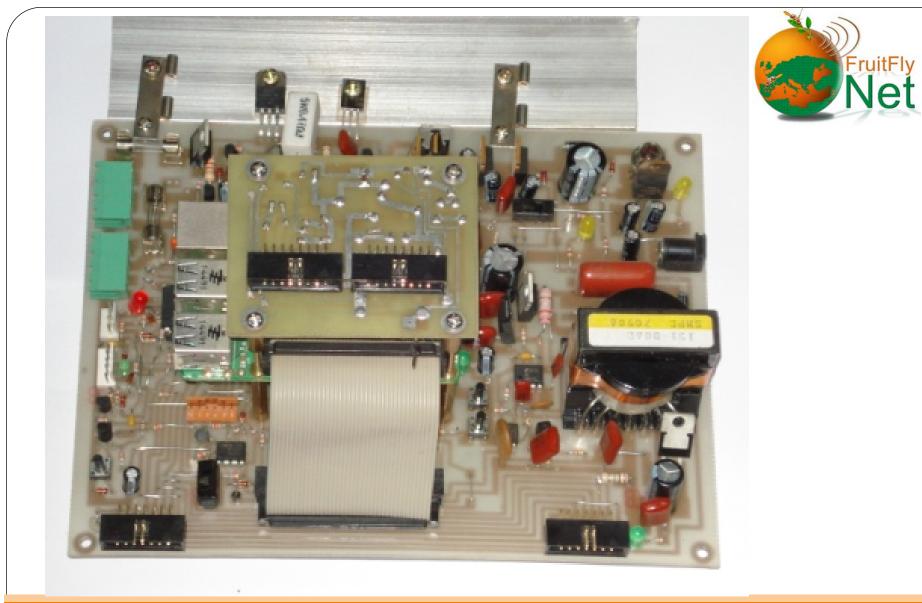
Node Block Diagram





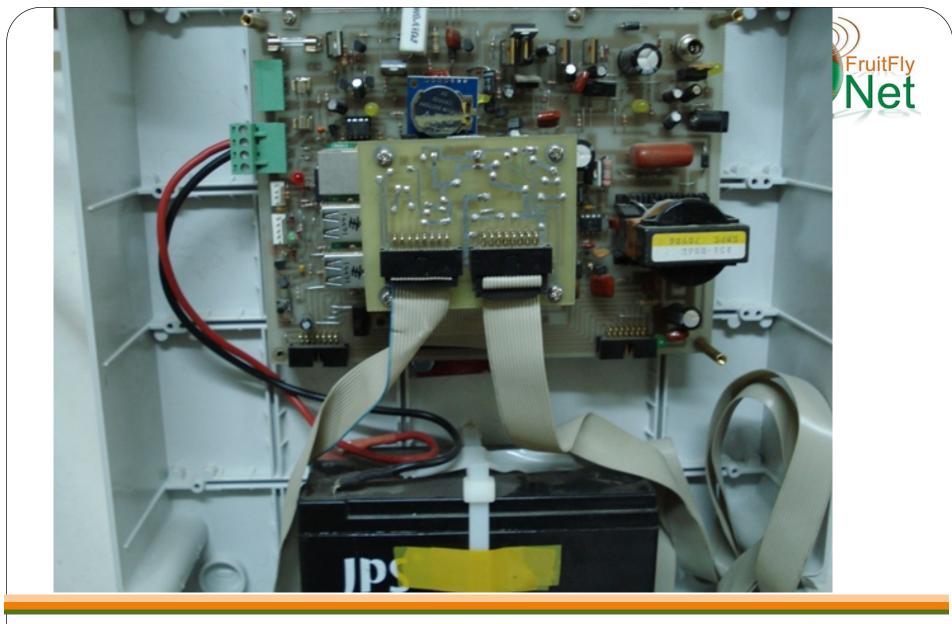






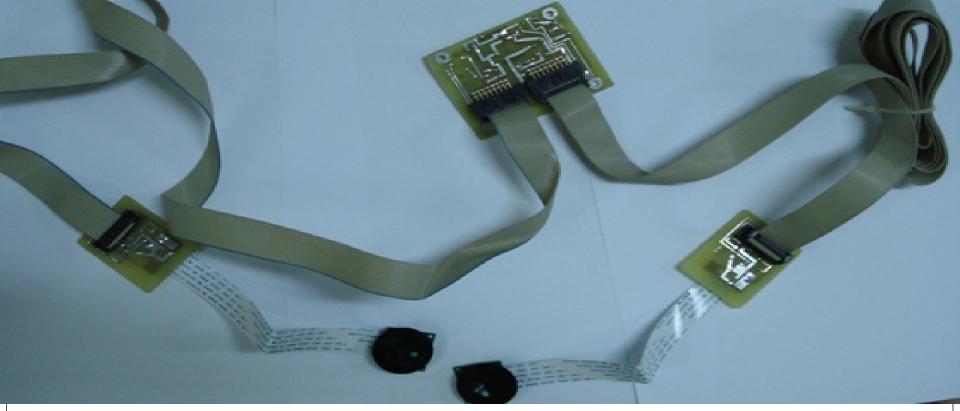








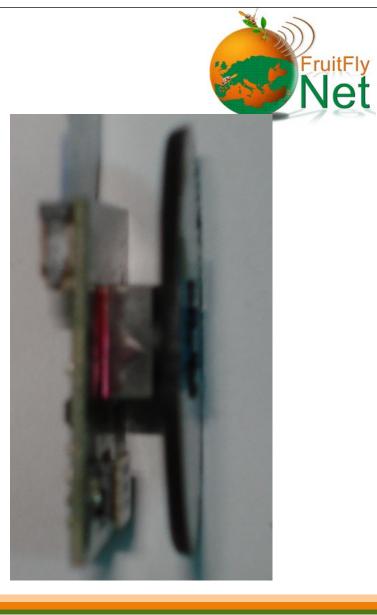






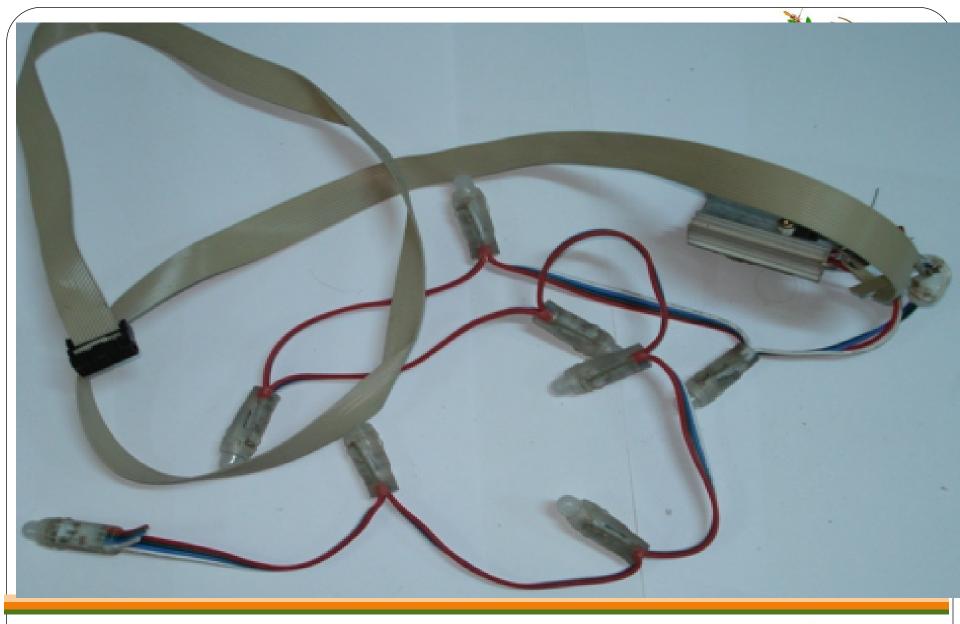






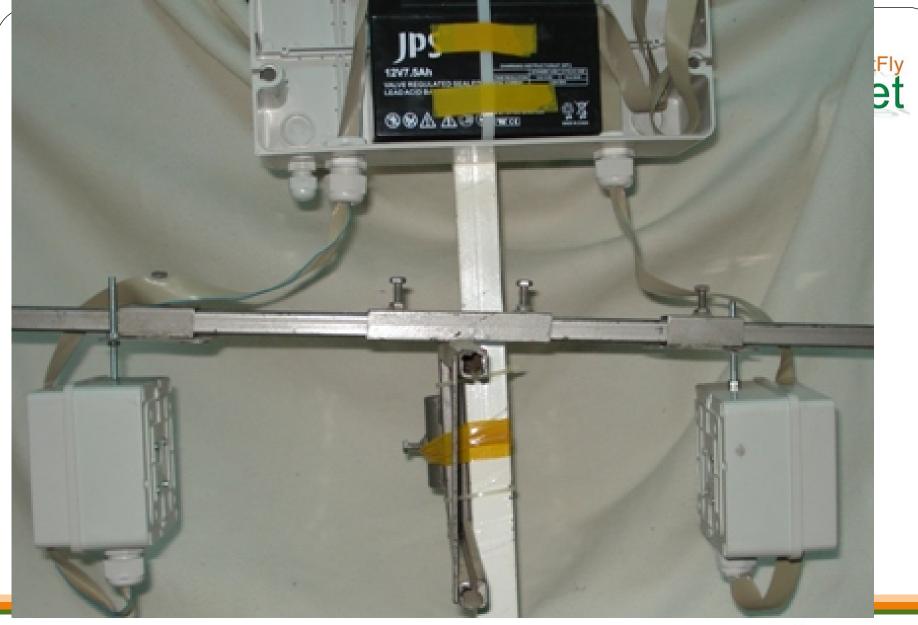








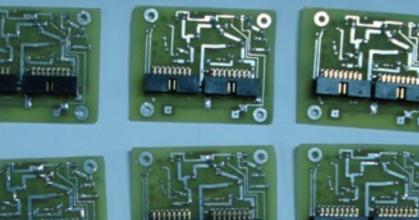








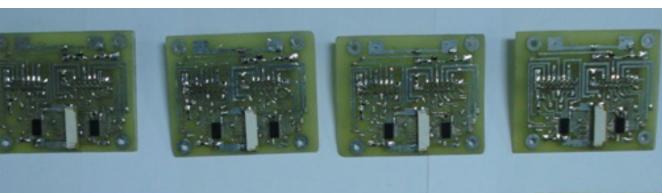
















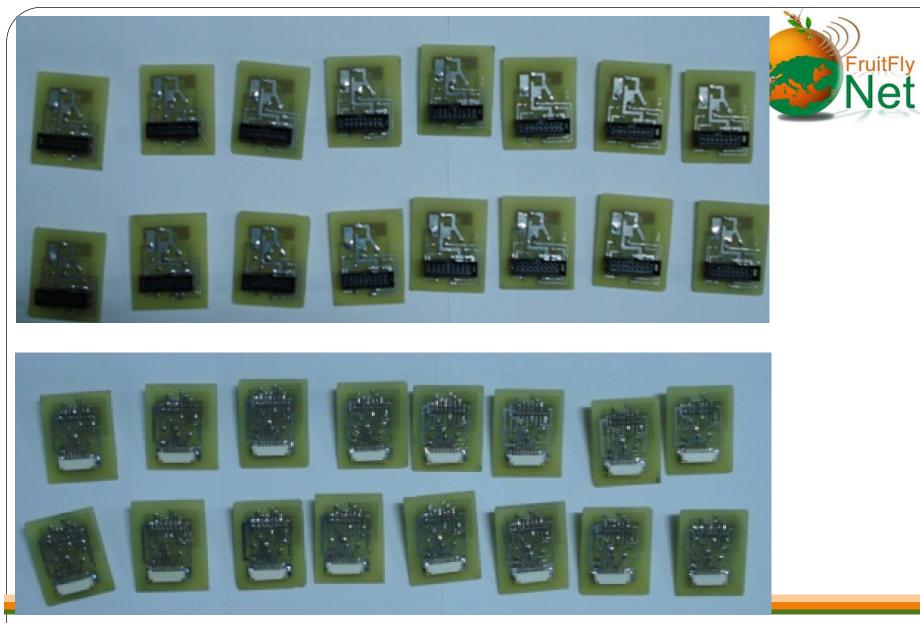




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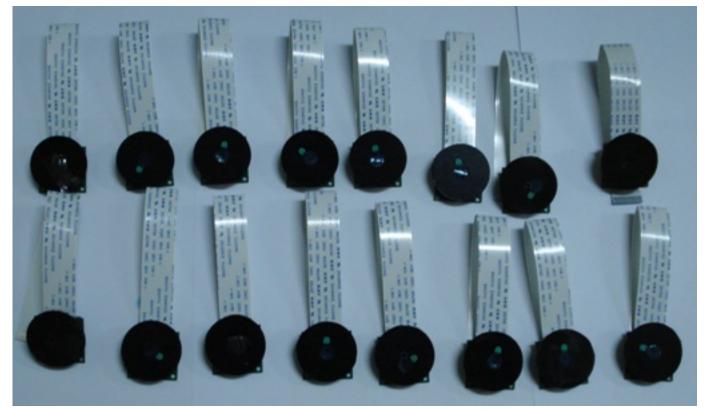
UNION





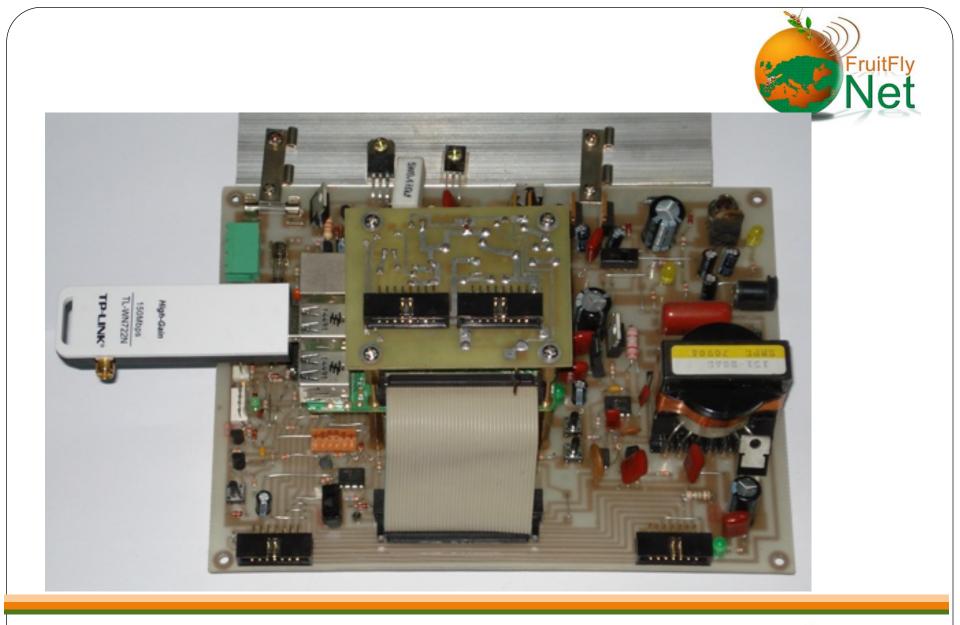






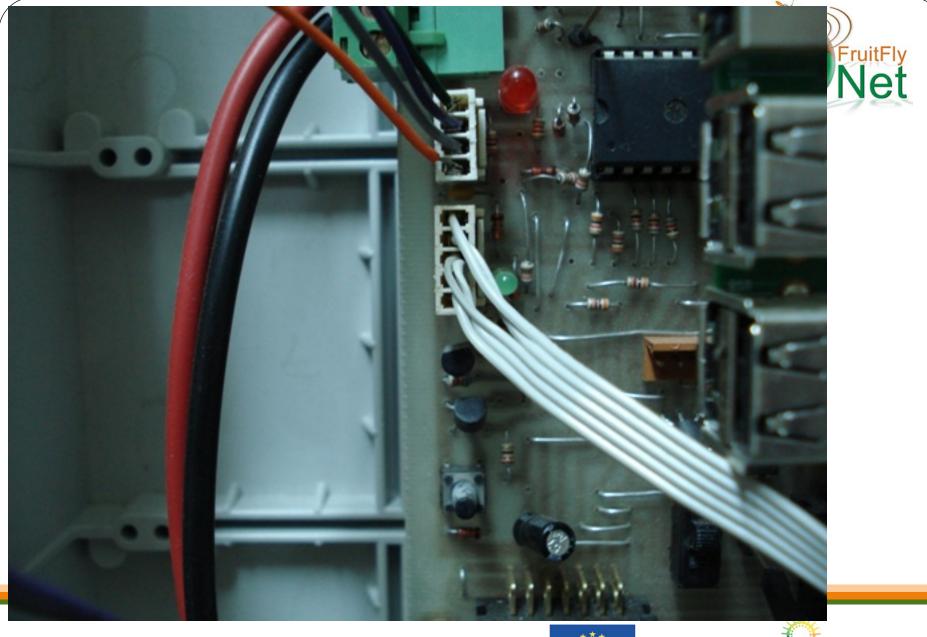






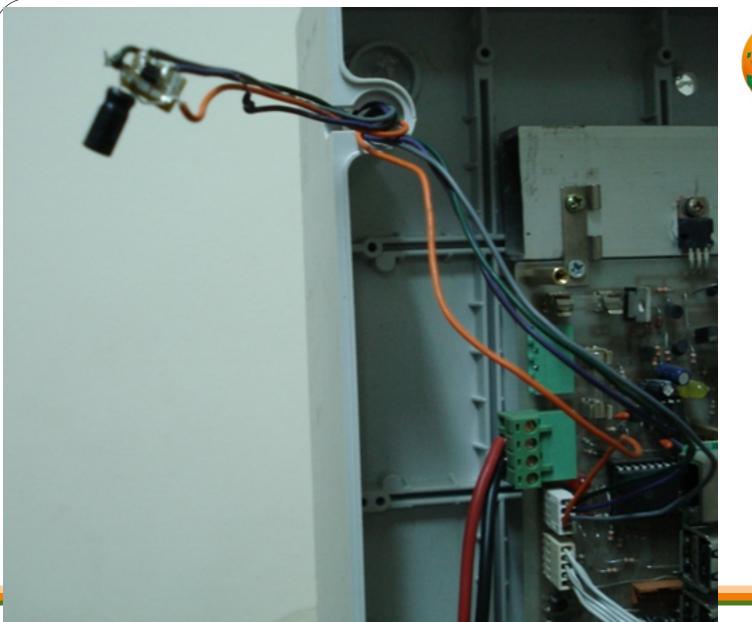








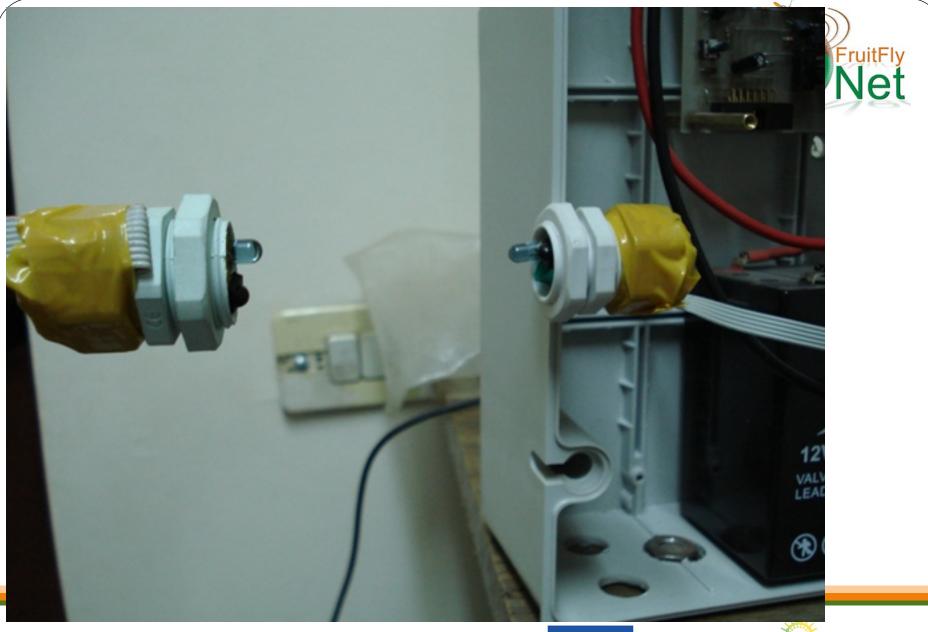






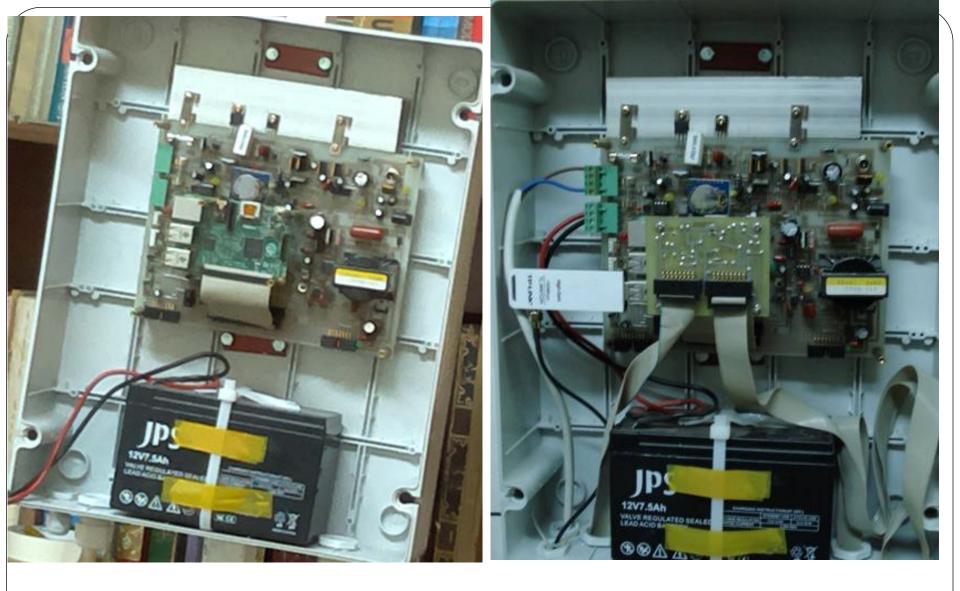








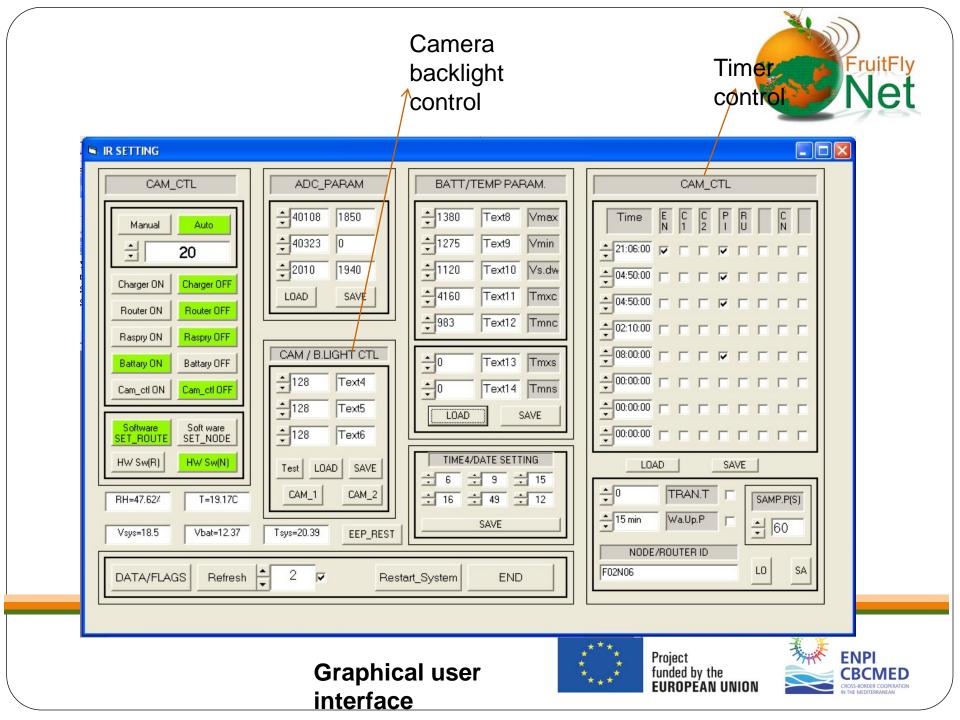




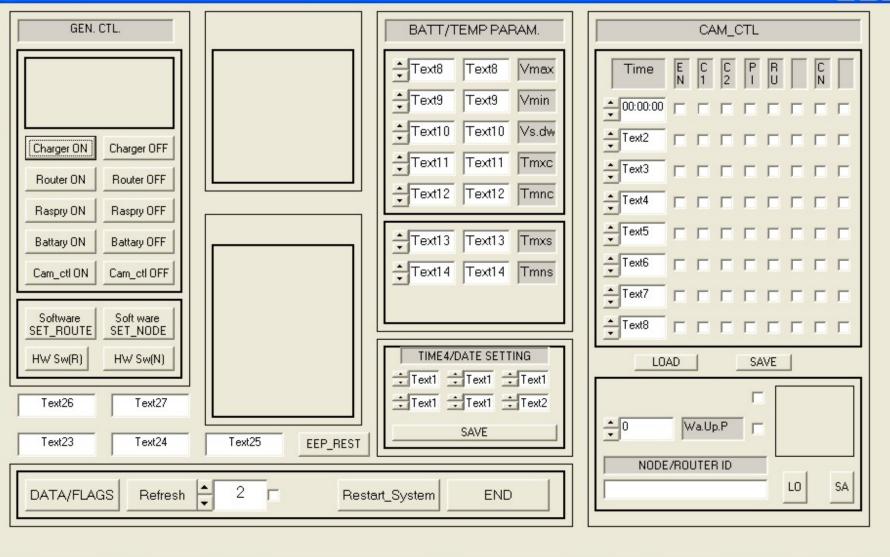








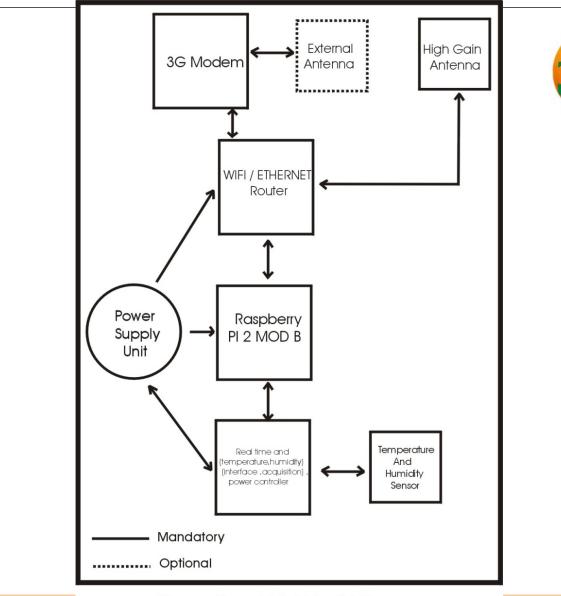
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Project funded by the EUROPEAN UNION





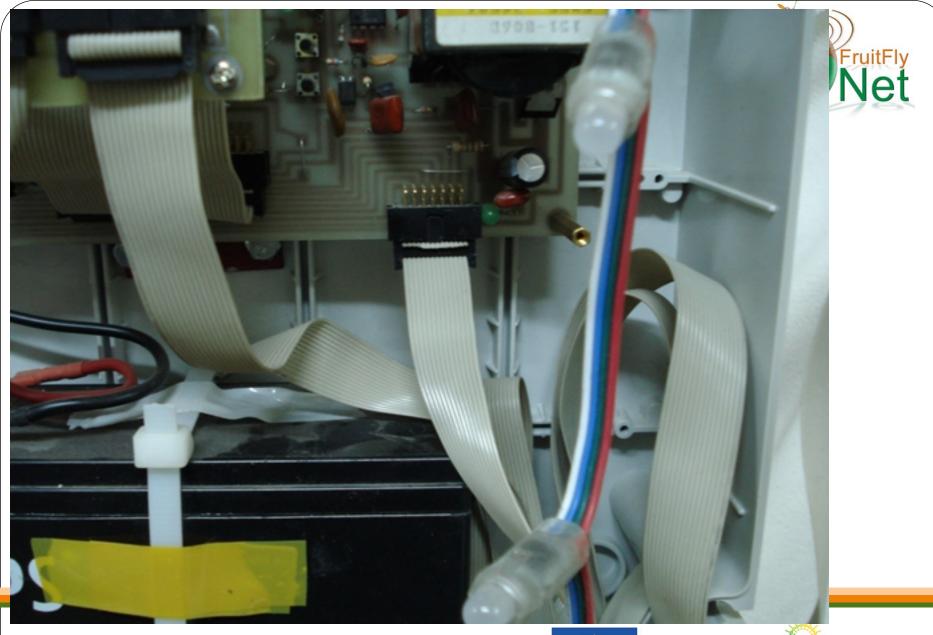
Connections Point Block Diagram



Project funded by the EUROPEAN UNION



FruitFly





















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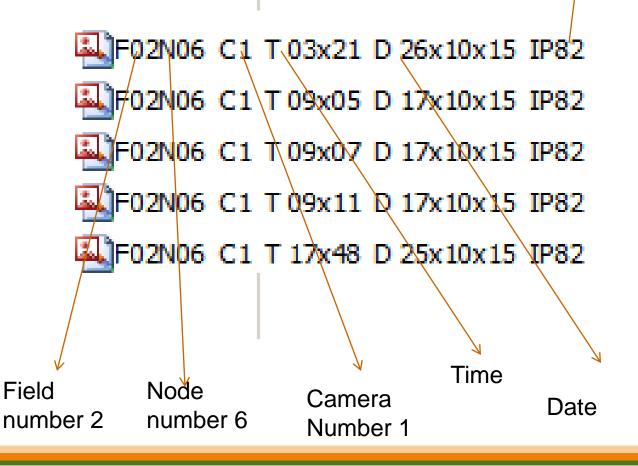


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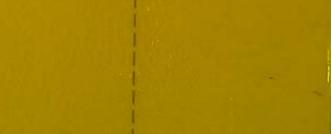
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Text file : Date Time Humidity Temperature Solar cell voltage V battery System temperature Flags	20/10/15 20/10/	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	29.27 18.5 29.30 18.5 29.31 18.5 29.30 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.30 18.5 29.30 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.26 18.5 29.26 18.5 29.26 18.5 29.26 18.5 29.26 18.5 29.26 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 29.29 18.5 </th <th>4 12.87 4 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 4 12.87 4 12.87 4 12.87 4 12.87 4 12.87 4 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.</th> <th>32.33 32.33</th> <th>00000001 00010000 0000001 0001000 0000001 00011000 0000001 00011000 0000001 0001000 0000001 0001000</th> <th></th>	4 12.87 4 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 4 12.87 4 12.87 4 12.87 4 12.87 4 12.87 4 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.87 7 12.	32.33 32.33	00000001 00010000 0000001 0001000 0000001 00011000 0000001 00011000 0000001 0001000 0000001 0001000	
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Thank you شکر آ



