

## Application Note Data logger monitors the environment status for the export of paprika and fruit crops

### Customer Requirements

The client needed to monitor the environment in the shipping container used during the exportation of paprika and fruits.

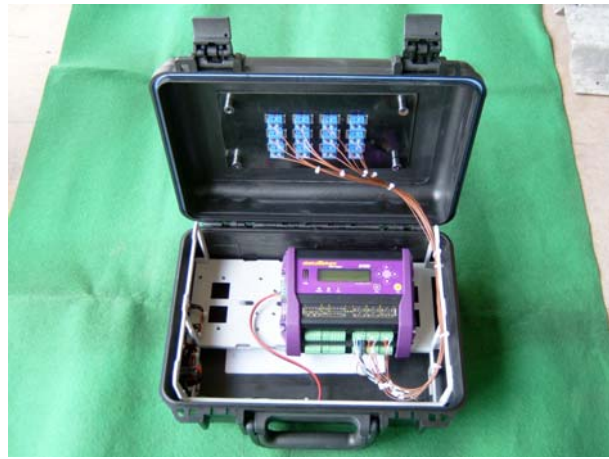
The critical elements to be monitored were the levels of Oxygen, CO<sub>2</sub>, Ethylene and temperature. Also the client wanted portability and easy access to connect the sensors. The project required the data logger to have both a large memory capacity and be battery operation.

### Equipment

DT80 data logger  
dataTaker Portable Enclosure  
(Modified by Encosys Datataker's Korean Distributor)

### Sensors

Oxygen sensor  
CO<sub>2</sub> sensor  
Ethylene sensor  
Temperature sensors



### Datataker Solution

The *dataTaker DT80* met the customer requirements. Encosys, the *dataTaker* Korean distributor then modified *dataTaker Portable Enclosure* to meet their client's requirement of easy to connect the sensors. They also customized temperature sensors for measuring internal temperature of the fruits.



### Other applications

Vegetable Transportation

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