

DATLOG ETHERNET DATALOGGER

It is a professional system that allows you to record the temperature values.

Device(Datlog) communicates with ethernet, can be set&programmed with basic commands.

The desired temperature and humidity intervals can be easily set.

3 different alarms can be taken for out of range conditions without any extra hardware.

The alarm information can be taken separately for higher and lower out of range conditions.

The desired temperature and humidity intervals can be easily set.

You can set different alarms using device ports for the out of range conditions.

You can monitor the fridge door whether it is open or closed.

You can monitor the status of energy.

You can monitor multiple devices using the web interface.

You can easily analysis the recorded data.

PHARMACEUTICAL TEMPERATURE MONITORING DEVICE



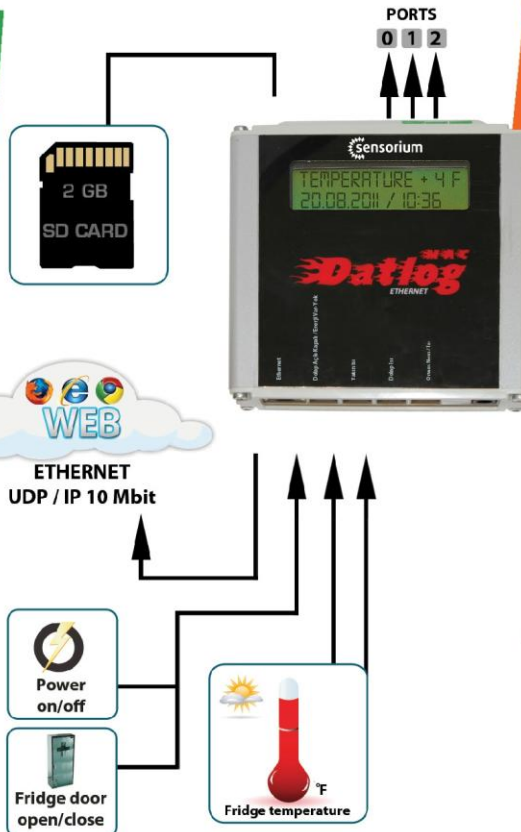
Standard dataloggers have low memories using EEPROM technology. MAC DAT-LOG ETHERNET uses SD CARD technology.

Data can be stored more than 100 years if the data interval is 5 min.

The standard dataloggers communicate via serial ports. MAC DATLOG ETHERNET communicates via 10MB Ethernet.

Power outage control.

Fridge door Open/Close Control.



Different alarms can be taken for out of range conditions using 3 ports.

There are many input and output ports. IO control card is not necessary.

ASCII communication protocol is used.

The min. and max. temperature intervals can be monitored.

PLUG&USE.

DATLOG ETHERNET DATALOGGER



TECHNICAL SPECIFICATIONS

Temperature and humidity probe	1	-40 °F - +254 °F "0 – 100 %RH"
Fridge temperature probe	1	-67 °F - +257 °F
Environment temperature probe	1	-67 °F - +257 °F
Fridge door open/close probe	1	
Power on/off.	1	
SD card socket	1	2 GB
Ethernet	1	UDP/IP 10 Mbit
LCD screen	1	LCD 2x16
LCD screen light control	1	
Ports	3	24 DC, 0.5A, NO and NC contact

Data recording interval can be set. Min. 1 sec. interval can be set. According to Ministry of Health's specifications max. interval is 20 min. Default setting is 5 min.

FACTORY SETTINGS

Terminal ID	1
IP Adress	192.168.20.25
Port Adress	10001
Environment temperature set value	-40 °F - +254°F
Environment humidity set value	0% - 100%
Fridge temperature set value	23 °F - +47 °F
Near fridge temperature set value	-67 °F - +257 °F
LCD light set value	512
Data recording interval	5 min.
Q ₀ Port	Fridge high temperature alarm.
Q ₁ Port	Fridge low temperature alarm.
Q ₂ Port	Environment temperature/humidity alarm.

