

ESCORT iMiniPlus™ PDF

The **NEW** iMiniPlus PDF logger from Escort will generate a comprehensive PDF report* without the need for proprietary software or interface on receipt by the Receiver.

The iMini Plus PDF logger is the ideal instrument for monitoring temperature sensitive shipments to distant destinations where proprietary software and interfaces are unavailable.

***See a 2 page PDF print out sample included with this brochure.**

www.escortdls.com



Escort iMiniPlus™ PDF

Every logger is supplied with a simple USB to USB cable for PC connection and travels with the logger in the consignment. Report generation includes a summary of transport condition, time spent out of specification and trip statistics. In addition the report provides date, time and temperature of all

readings plus a graph of the temperature of the trip. The PDF report can be validated by Console software by emailing the PDF report and binary files to the Supplier thus meeting the requirements for 21 CFR Part11.

Features:

- No Interface or Proprietary Software Required, only PDF Reader
- Logger data can be downloaded to PC via attached USB cable
- Large LCD Display With Multi Function Viewing
- Advanced Multiple Alarm Settings
- Bookmarking & Continuous Logging Features
- Improved Accuracy, Resolution and Memory Capacity
- PDF report can be customised to display graph, list of readings and summary of alarm limits violations

Certification:

2
year
warranty



Escort Data Logging Systems Ltd design and manufacture a diverse range of self powered data logging devices and accessories suitable for a variety of different industries. Our data logging solutions are designed with you in mind and will assist you in meeting regulatory requirements, limiting product loss and ultimately saving your time and money.

Escort iMiniPlus™ PDF

The Escort iMiniPlus PDF logger uses a USB mini B to USB type A cable* (supplied with PDF logger) or small USB adaptor for computer communications. It is a true Plug and Play device. When the logger is connected, the computer automatically recognizes the logger as a Mass Storage Device and PDF report can be viewed with two other binary files. Please allow sufficient time for installation (5 to 30 seconds).

Prior to use the PDF logger is configured by Escort Console or Escort Console Lite software (both freely available from www.escortdls.com).

The “PDF View” in the programming software must be enabled to permit the PC at receiver end to download trip data using PDF Reader software. For secure, tamper proof data, Supplier confidence and 21 CFR Part 11 compliance, the PDF report and binary files can be emailed to the Supplier and viewed either with Escort Console or Escort Console Lite to ensure the PDF files have not been altered. These files can be found in the same directory as the PDF file.

*Interface cable lengths are optionally 1mtr or 50mm.

Product Code	MU-IN-D-8-L (Internal sensor) MU-OE-D-8-L (External sensor) MU-ST-D-8-L (Single Trip Internal sensor)
Operating Temperature	-40°C to +70°C (-40°F to +158°F)
LCD Operating Range	-20°C to +70°C (-4°F to +158°F)
Sensors	Internal or External options
Accuracy	Celsius ±0.5°C from -40 °C to -10 °C ±0.3°C from -10 °C to +70°C Fahrenheit ±1°F from -40 °F to +14 °F ±0.6°F from +14 °F to +158 °F
Resolution	0.1°C or 0.1 °F
Sensor response time	Internal Sensor – T90 of 20 minutes in moving air External Sensor – T90 of 5 minutes in moving air
Memory Options	8048 readings
Software	Need PDF reader only to view log trip report. ESCORT Console to program and secure download
Sampling Frequency	5 seconds – 18hours
Time and date	Real time clock accurate to ±1 minute per month
Security	Password protected (programmable using Escort Console software) encrypted binary file is generated along with PDF
Power Source	User replaceable 3V lithium coin cell
IP Rating	IP65 (with plastic cap over USB connector)
Size	83 x 57 x 17mm (excluding lug)
Weight	70 grams (including battery)
Case Material	Polycarbonate/ABS
Storage Temperature	-40°C to +70°C (-40°F to 158°F)
Typical battery life	1-2 years operating (depending on usage)
Buttons	Start & Stop button
Warranty	24 months, excluding battery



LCD displays the highest recorded reading



LCD displays the lowest recorded reading



LCD displays the average reading for the current trip



LCD displays the time above the specified high alarm setting for the current trip



LCD displays the total time below the specified low alarm setting for the current trip

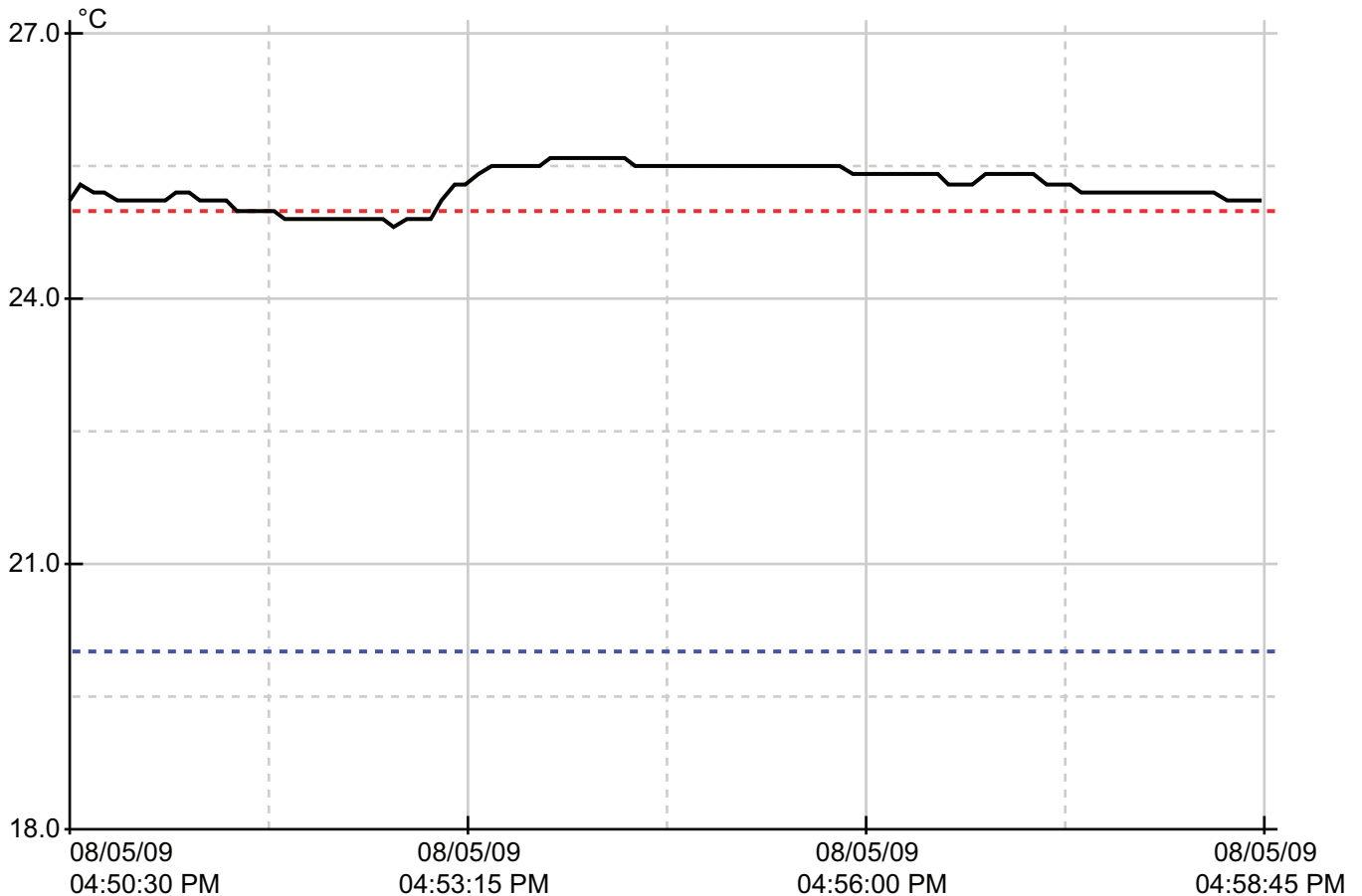
Device specification

Product code	MU-IN-D-8-L
Serial Number	MU-BJ-121-121
H/W Version	01.08
Trip Number	14
Description	Platelets
Battery	OK
Original time zone	GMT -12:00 Daylight time
Start	Friday, 8th May 2009, 4:50:30 PM
Finish	Friday, 8th May 2009, 4:58:45 PM
Sampling	5 seconds
Readings	100 (8 minutes, 15 seconds)
Active	-40.0 to 70.0 °C
Specification	20.0 to 25.0 °C

Statistics

Highest	25.6 °C
Average	25.3 °C
Lowest	24.8 °C
High Alarm	Activated
Low Alarm	Not activated

Record



Out of specification

25.0 to 35.9 °C | 7 minutes, 5 seconds

Index	Date	Time	°C	Index	Date	Time	°C
0001	08/05/09	04:50:30 PM	25.1	0002	08/05/09	04:50:35 PM	25.3
0003	08/05/09	04:50:40 PM	25.2	0004	08/05/09	04:50:45 PM	25.2
0005	08/05/09	04:50:50 PM	25.1	0006	08/05/09	04:50:55 PM	25.1
0007	08/05/09	04:51:00 PM	25.1	0008	08/05/09	04:51:05 PM	25.1
0009	08/05/09	04:51:10 PM	25.1	0010	08/05/09	04:51:15 PM	25.2
0011	08/05/09	04:51:20 PM	25.2	0012	08/05/09	04:51:25 PM	25.1
0013	08/05/09	04:51:30 PM	25.1	0014	08/05/09	04:51:35 PM	25.1
0015	08/05/09	04:51:40 PM	25.0	0016	08/05/09	04:51:45 PM	25.0
0017	08/05/09	04:51:50 PM	25.0	0018	08/05/09	04:51:55 PM	25.0
0019	08/05/09	04:52:00 PM	24.9	0020	08/05/09	04:52:05 PM	24.9
0021	08/05/09	04:52:10 PM	24.9	0022	08/05/09	04:52:15 PM	24.9
0023	08/05/09	04:52:20 PM	24.9	0024	08/05/09	04:52:25 PM	24.9
0025	08/05/09	04:52:30 PM	24.9	0026	08/05/09	04:52:35 PM	24.9
0027	08/05/09	04:52:40 PM	24.9	0028	08/05/09	04:52:45 PM	24.8
0029	08/05/09	04:52:50 PM	24.9	0030	08/05/09	04:52:55 PM	24.9
0031	08/05/09	04:53:00 PM	24.9	0032	08/05/09	04:53:05 PM	25.1
0033	08/05/09	04:53:10 PM	25.3	0034	08/05/09	04:53:15 PM	25.3
0035	08/05/09	04:53:20 PM	25.4	0036	08/05/09	04:53:25 PM	25.5
0037	08/05/09	04:53:30 PM	25.5	0038	08/05/09	04:53:35 PM	25.5
0039	08/05/09	04:53:40 PM	25.5	0040	08/05/09	04:53:45 PM	25.5
0041	08/05/09	04:53:50 PM	25.6	0042	08/05/09	04:53:55 PM	25.6
0043	08/05/09	04:54:00 PM	25.6	0044	08/05/09	04:54:05 PM	25.6
0045	08/05/09	04:54:10 PM	25.6	0046	08/05/09	04:54:15 PM	25.6
0047	08/05/09	04:54:20 PM	25.6	0048	08/05/09	04:54:25 PM	25.5
0049	08/05/09	04:54:30 PM	25.5	0050	08/05/09	04:54:35 PM	25.5
0051	08/05/09	04:54:40 PM	25.5	0052	08/05/09	04:54:45 PM	25.5
0053	08/05/09	04:54:50 PM	25.5	0054	08/05/09	04:54:55 PM	25.5
0055	08/05/09	04:55:00 PM	25.5	0056	08/05/09	04:55:05 PM	25.5
0057	08/05/09	04:55:10 PM	25.5	0058	08/05/09	04:55:15 PM	25.5
0059	08/05/09	04:55:20 PM	25.5	0060	08/05/09	04:55:25 PM	25.5
0061	08/05/09	04:55:30 PM	25.5	0062	08/05/09	04:55:35 PM	25.5
0063	08/05/09	04:55:40 PM	25.5	0064	08/05/09	04:55:45 PM	25.5
0065	08/05/09	04:55:50 PM	25.5	0066	08/05/09	04:55:55 PM	25.4
0067	08/05/09	04:56:00 PM	25.4	0068	08/05/09	04:56:05 PM	25.4
0069	08/05/09	04:56:10 PM	25.4	0070	08/05/09	04:56:15 PM	25.4
0071	08/05/09	04:56:20 PM	25.4	0072	08/05/09	04:56:25 PM	25.4
0073	08/05/09	04:56:30 PM	25.4	0074	08/05/09	04:56:35 PM	25.3
0075	08/05/09	04:56:40 PM	25.3	0076	08/05/09	04:56:45 PM	25.3
0077	08/05/09	04:56:50 PM	25.4	0078	08/05/09	04:56:55 PM	25.4
0079	08/05/09	04:57:00 PM	25.4	0080	08/05/09	04:57:05 PM	25.4
0081	08/05/09	04:57:10 PM	25.4	0082	08/05/09	04:57:15 PM	25.3
0083	08/05/09	04:57:20 PM	25.3	0084	08/05/09	04:57:25 PM	25.3
0085	08/05/09	04:57:30 PM	25.2	0086	08/05/09	04:57:35 PM	25.2
0087	08/05/09	04:57:40 PM	25.2	0088	08/05/09	04:57:45 PM	25.2
0089	08/05/09	04:57:50 PM	25.2	0090	08/05/09	04:57:55 PM	25.2
0091	08/05/09	04:58:00 PM	25.2	0092	08/05/09	04:58:05 PM	25.2
0093	08/05/09	04:58:10 PM	25.2	0094	08/05/09	04:58:15 PM	25.2
0095	08/05/09	04:58:20 PM	25.2	0096	08/05/09	04:58:25 PM	25.2
0097	08/05/09	04:58:30 PM	25.1	0098	08/05/09	04:58:35 PM	25.1
0099	08/05/09	04:58:40 PM	25.1	0100	08/05/09	04:58:45 PM	25.1