

HIR90TTW Quick User Guide



DISPLAY MODES



Current Readings Records Recorded



MAX Readings Record Capacity



MIN Readings Record to Upload

PLEASE NOTE: This software should be installed on a dedicated PC running 24/7, not a office work station.

Download Software from Thermcoproducts.com Support \ Downloads \ [ZIP] TronFlux

GETTING STARTED

Prerequisite Check Sheet

1. Complete the included form in this PDF to simplify setup.

R90 Unit

1. Attach antenna.
2. Connect probes (power off unit prior to connecting or disconnecting the probes).
3. Connect R90 to computer via USB cable.
4. Note: Fully charge battery prior to logging.

R90 Software Install

1. Unzip TronFlux.zip to C:\
2. Install USB/Com Driver.
Go to C:\TronFlux\Driver folder and run... SETUP.exe
3. Install System Server Software.
Go to C:\TronFlux\Setup.exe
Refer to "TronFlux User Guide.pdf" for detailed instructions.

Configure R90

1. Go to C:\TronFlux\LogLive folder and run... LogLive.exe
 - a) Set wifi (ssid, password).
 - b) Set IP of PC running software.
 - c) Assign a logger name.
 - d) Set Alarm/Alert Min-Max values.
Refer to "LogLive User Guide.pdf" for detailed instructions.

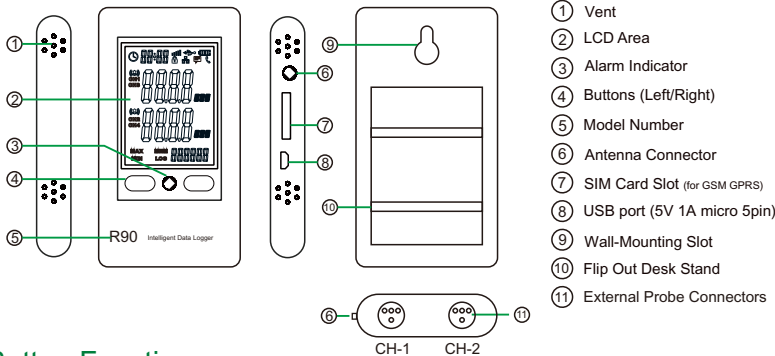
Start Logging Service

1. Note: This must be running 24/7 for realtime data collection.
2. Set up Email for Alerts... Click SmtP Server.
 - a) Server = your email providers "outgoing smtp address".
 - b) Port = your email providers "port value" check SSL if using.
 - c) Account = your email address.
 - d) Password = your password.

Start Management Console

1. Open a Web Browser
2. Enter "localhost" or the PC's "IP" (that's running the server) in the address bar.
Refer to "TronFlux User Guide.pdf" for detailed instructions.

R90 Layout



Button Function

Left Button

1. Press the left button to check the current readings and historical data press again to check MAX readings and the capacity.
press once again to check MIN readings and data waiting to upload.
2. Press and hold left button for 3 seconds will turn on/off the LOG function while in unlock mode.

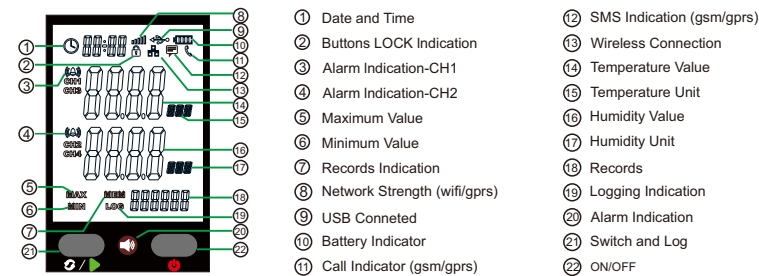
Right Button

1. Press and hold right button for 3 seconds will turn on R90 from off state.
Press and hold right button for 3 seconds will turn off R90 while in unlock mode.
2. Press right button to turn on/off back light function (optional function for device)

Left & Right Buttons

1. Press left and right buttons together will Lock/Unlock the device.
2. Press and hold left and right buttons for 3 seconds while in unlock mode will delete all data in R90.

LCD Layout



(LCD Working Temperature -30~70° C)

Specifications

CATALOG No.	DESCRIPTION
HIR90TTW	2 Channel Wireless Temperature Data Logger
SPECIFICATIONS	
Temperature Range:	-40~125
Accuracy:	±0.5
Resolution:	±0.1
Probes:	2 External
Memory Capacity:	65,000
Sample Rate:	1s~24h
PC Software:	USB Driver, LogLive, TronFlux Win XP/7/8 (32 or 64 bit)
Power:	110V ac to USB Adapter, Rechargeable Li-Battery
Dimensions:	142mm×77mm×28mm
Net Weight:	180g



HIR90TTW Settings Prerequisites Check Sheet

Please collect the following information to simplify the configuration of the unit

LogLive Settings...		
Unit SN: (on back of unit and on probe leads)		
APN: (WiFi SSID, Password)		
Server Address: (IP of PC where software is installed)		
Temp Unit: (°C or °F)		
Logging Interval: (time in seconds... 15min=900 seconds)		
	HIGH (temp)	LOW (temp)
Ch1:		
Ch2:		

TronFlux Settings...		
SMTP Section		
Server: (out-going email server address)		
Port: (number)		
SSL: (check = yes)		
Account: (name@email.com)		
Password: (of email account)		

Management Platform Settings...		
Instrument Manage section		
enter unit s/n:		
Group Manage section		
Group Name: (used to separate loggers - 1 group name needed)		
User Manage section		
Name(s):		
Password(s):		
E-mail(s):		
Login Manage section (for Administrator)		
Username:		
Password:		
E-mail:		