

## GENERAL

**ALIACOM** AHT530 is a battery-powered, hand-held unit designed to configure, calibrate and troubleshoot with smart transmitter either remotely or nearby.

AHT530 allows you to establish communication with a Hart field instrument over the existing 4-20 mA DC lines, covering the five process variables of flow, pressure, temperature level, and control valve etc.

## FEATURES

- Common to most smart Field Instruments
- AA alkaline Batteries or Rechargeable battery available
- Battery operation time more than 100 Hours
- Low battery alarm
- Self-check function / Automatic power-off
- Large display (21 characters by 8 lines)
- Microprocessor-based field communicator
- USB port to charge

## STANDARD SPECIFICATION

- Display : LCD dot matrix, 21 characters \* 8 lines
- Keyboard : 20 general keys, one power switch
- Signal Connection : Alligator clip or grabber clip
  - Cable length : 1.5 M
- Function : Display, setup and alteration of parameter
  - : Zero point adjustment, calibration
  - : Auto power-off
- Communication Line
  - Line length : Up to 4900ft(1500 M)
  - Load resistance : 250 to 600 ohm
  - Load capacitance : Less than 0.22 uF
  - Load inductance : Less than 3.3 mH
- Power Consumption : 191.3mA (Working state)
  - : 1uA (Power-off state)
- Material :
  - Case : ABS resin
  - Keyboard : Polycarbonate
- Protection Class : IP54
- Operating Temperature : -4 °F ~ 131 °F / -20 °C ~ 55 °C
- Storage Temperature : -4 °F ~ 149 °F / -20 °C ~ 65 °C
- Ambient Humidity : 90% RH or less



- Power
  - Battery : Three AA alkaline Batteries
  - : Three Ni-MH Batteries (Rechargeable)
  - Operable Time : Alkaline Battery: Up to 150 Hours
  - : Ni-MH battery: Up to 100 Hours
  - Charge up time : Less than 12 Hours
- Dimensions : 9.1"(L) x 4.0"(W) x 2.4" (H)
  - : 231mm(L) x 102mm(W) x 61mm (H)
- Battery Charger : USB connection with computer
  - : 90-260 VAC, 50/60 Hz
- Weight : 0.9 lb (0.4Kg) (Communicator)
  - : 2.2 lb (1 Kg) (Including accessories)
- Standard Package includes
  - : ATH530 Hart Communicator \* 1 set
  - : Communication cable 1.5m \* 1 pair
  - : USB connector 1.5M(Charge) \* 1 set
  - : Ni-MH Battery 1.5V \* 3 pcs
  - : Power adapter 90-260Vac \* 1 set
  - : Alligator Clip \* 1 pair
  - : Grabber clip \* 1 pair
  - : shoulder bag \* 1 set

### ACCESSORIES



### APPLICATIONS

