



GENERAL

ALIACOM The AHT530 Series is a battery-powered, hand-held unit designed to configure, calibrate and troubleshoot to 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 and level, 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
- Keypad : 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 1500 m
Load Resistance : 250-600 Ω
Load Capacitance : Less than 0.22 μF
Load Inductance : Less than 3.3 mH
- Power Consumption : 191.3 mA (Working state)
: 1 μA (Power-off state)
- Material
Case : ABS resin
Keyboard : Polycarbonate
- Protection Class : IP54
- Operating Temperature : -20~55 °C
- Storage Temperature : -20~55 °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 : 231 mm (L) * 102 mm (W) * 61 mm (H)
- Battery Charger : USB connect with computer
: 90-260 VAC, 50/60 Hz
- Weight : 0.4 kg (Communicator)
: 1 kg (Including accessories)
- Standard Package
: AHT530 Hart Communicator * 1 set
: Communication cable 1.5 m * 1 pair
: USB connector 1.5 m (Charge) * 1 set
: Ni-MH Battery 1.2 V * 3 pcs
: Power Adapter 90-260 VAC * 1 set
: Alligator clip * 1 pair
: Grabber clip * 1 pair
: Shoulder bag * 1 set



ACCESSORIES



APPLICATIONS

