



ALIACOM

Smart HART Communicator

Model AHT520PE Series

GENERAL

ALIACOM AHT520PE Series HART communicator is a PC communication link to HART networks for commissioning, servicing, calibrating, or acquiring data from any Hart instrument or transmitter. AHT520PE is a friendly user interface that enables you to set and check instrument parameters such as tag numbers and ranges, outputs, and view data.

FEATURES

- ❑ Compatible with HART products from multiple manufacturers
- ❑ No external power supply required, USB powered from notebook/PC
- ❑ Compact size 2.9" x 2.5" x 0.85" (73mm x 64mm x 22mm)
- ❑ Rugged Aluminum Alloy enclosure
- ❑ Polarity insensitive so you may attach either one of the test clips to positive or negative poles
- ❑ Standard USB port
- ❑ USB 1.1 and 2.0 compatible
- ❑ Hart communicator programming software included

STANDARD SPECIFICATION

- Power Supply : System Power by USB Port
- Supply Current : 40 mA @ +5VDC
- Output Level : 0.5 +/- 0.1 Vpp trapezoidal wave
- Isolation : 1500 VDC between instrument and Computer
- Leakage Current : Less than 200 uA Typical
- EMI/RFI Effect : Follow SAMA PMC 33.1 from 20 to 1000 MHz and for field strengths up to 30 V/m
- Protection Class : IP54
- USB Interface : USB 1.1 and USB 2.0
- Port to Hart Device : Two Mini-Grabber test clips
Length : 1.0 M
- Port to Computer : USB connector
Length : 1.5 M
- Operating Temperature : 0 °C to 55 °C
- Storage Temperature : -40 °C to 85 °C
- Storage Humidity : 0% to 98% relative humidity
- Enclosure : Aluminum alloy housing with impact-resistant performance



- System Requirements :
 - Operating System : Windows 98 / 2000 / XP / Win7
 - Display : 800x600 or better resolution
 - Hard Disk Drive : 1GB space or more
 - Main Memory : 256Mb or more
 - Function : Parameter manager
- Parameter Storage : Saved as TXT files
- Dimensions : 73mm (L) X 64mm (W) X 24mm (H)
2.9" (L) x 2.5" (W) x 0.85" (H)
- CE Mark : The AHT520PE meets the legal requirement of the EC directives
- Weight : 0.15 Kg (0.33 lb)
- Standard package :
 - ATH520PE Hart Communicator * 1 set
 - Test clip (1.0M) * 1 pair
 - USB connector (1.5M) * 1 set
 - USB memory (DTM & Driver inside) * 1set



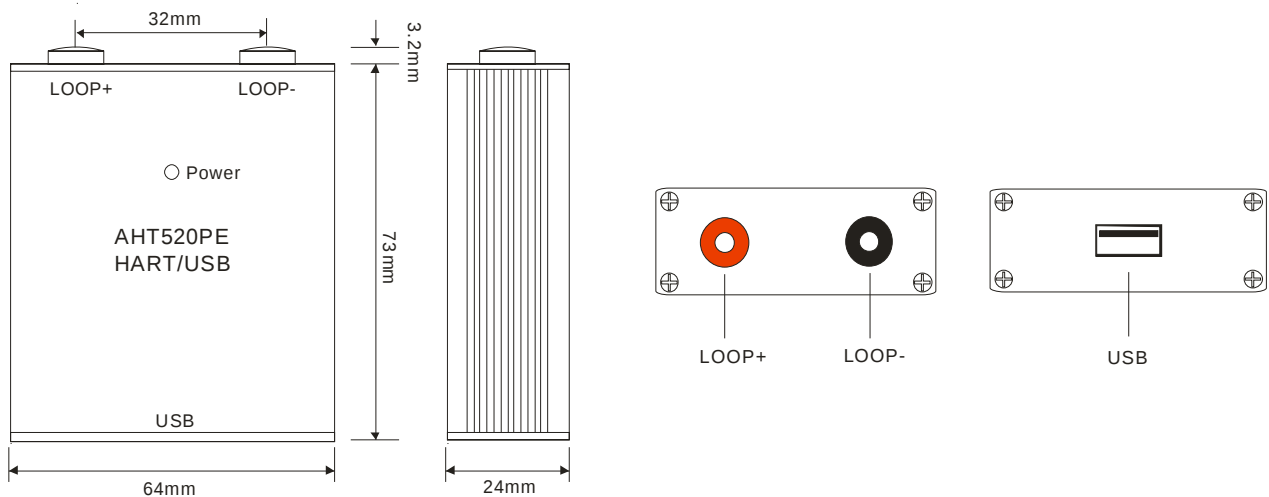
ALIA TECHNOLOGY LLC

633 W. 5th Street, 26th Floor, Los Angeles, CA 90071, USA
TEL : + 1 - 213 - 533 - 4139 FAX : + 1 - 213 - 223 - 2317



URL : www.alia-inc.com
E-mail : alia@alia-inc.com
AHT520PEV1.2.1.r1.A4.en

DIMENSIONS



APPLICATIONS

