



ADVANCED ID
ASIA ENGINEERING CO.,LTD.



UHF RFID HANDHELD READER



Advanced ID Asia Engineering Co., Ltd
<http://www.advancedidasia.com>



HH800



- 902-925 MHz frequency range (adjustable for local regulations)
- up to 10 m or 30 ft read range (tag dependent)
- High operation autonomy with non-volatile memory
- Shock resistant construction and materials
- Convenient to use and carry with supplied belt
- RS232 connection to PC for data download (LAN, WLAN and others available on request)
- Bluetooth optional
- Data download via SD card
- Supplied CD ROM with PC application for data download and database management
- Metal box for easy transportation of reader and accessories

Reading:

Tag protocols: EM4022, EM4222, ISO16000-6B, EPC C0, EPC C1 and EPC C1 Gen 2
 Data read and write: for ISO16000-6B and ISO16000-6C tags
 Read range: up to 10 meters or 30 feet (tag dependent) with AAE Metal Mount tag
 Write range: 70% of read range
 Frequency range: 902 – 925 MHz (programmable for local regulation compliance) FCC Part 15 compliant
 Polarization: Circular
 Antenna gain: 5dBi
 RF power: EIRP 1W on 5dBi circular antenna, 1dB control steps

Interface:

Keyboard: 20 keys + START key
 Display: 16+6 character LCD
 PC interface: Standard - RS-232 (on request LAN,WLAN) BT optional (HH800 BT)
 Memory card: SD card (FAT format)

Others:

Power Supply: rechargeable batteries, charger 18V DC @ 250 mA
 Operating temperature: -20° to +50° C (-4° to +122° F)
 Storage temperature: -35° to +70° C (-31° to +158° F)
 Humidity: 0-95%, non-condensing
 Protection class: IP 33
 Dimensions of reader: 155 (W) x 220 (H) x 270 (D) mm
 Dimensions of box: 340 (W) x 205 (H) x 300 (D) mm
 Weight of reader: 1.35 kg (3 lb)
 Accessories: extension cable for RS232 communication
 RS232/USB adaptor; belt
 switch mode power supply adapter 18V 250mA
 CD ROM with control software, drivers and user manual
 aluminium metal Box for storage of reader and accessories



HH500



- 862-925 MHz frequency range (adjustable for local regulations)
- up to 5 m or 15 ft read range (tag dependent)
- High operation autonomy with non-volatile memory
- Shock resistant construction and materials
- Convenient to use and carry with supplied belt
- RS232 connection to PC for data download (LAN, WLAN and others available on request)
- Bluetooth optional
- Data download via SD card
- Supplied CD ROM with PC application for data download and database management
- Metal box for easy transportation of reader and accessories

Approvals:

Reading:

Tag protocols:
Data read and write:
Read range:

Write range:
Frequency range:

Polarization:
Antenna gain:
RF power:
steps

Interface:

Keyboard:
Display:
PC interface:

Memory card:

Others:

Power Supply:
Operating temperature:
Storage temperature:
Humidity:
Protection class:
Dimensions of reader:
Dimensions of box:
Weight of reader:
Accessories:

FCC VLUHH500; CE/ETSI

ISO16000-6B, EPC C0, EPC C1 and EPC C1 Gen 2 for ISO16000-6B and ISO16000-6C tags up to 5 meters or 15 feet (tag dependent) with AAE metal mount tag
70% of read range
862 – 925 MHz (programmable for local regulation compliance)
Circular
5dBi
EIRP 0,5W on 5dBi circular antenna, with 0.1dB control steps

20 keys + START key
16+6 character LCD
Standard - RS-232 (on request LAN,WLAN)
BT optional (HH500BT)
SD card (FAT format)

rechargeable batteries, charger 18V DC @ 400 mA
-20° to +50° C (-4° to +122° F)
-35° to +70° C (-31° to +158° F)
0-95%, non-condensing
IP 33
155 (W) x 220 (H) x 270 (D) mm
340 (W) x 205 (H) x 300 (D) mm
1.35 kg (3 lb)
extension cable for RS232 communication
RS232/USB adaptor; belt
switch mode power supply adapter 18V 250mA
CD ROM with control software, drivers and user manual
aluminium metal Box for storage of reader and accessories