

PR-510

Mobile UHF RFID Reader/Writer



ADVANCED ID
ASIA ENGINEERING CO.,LTD.

PASSION FOR RFID



Frequency range from 862 to 955 MHz according to ETSI/EN 302208



Read range up to 7.5 m (tag dependent)



High operation autonomy with non-volatile memory



Shock resistant construction and materials



USB connection to PC for data download (Bluetooth optional PR510BT, WLAN on request)



CD ROM with demo software for the PC to download data and database management



Suitable for tire management



Suitable for item level, logistic, warehouse managements



The Advanced ID mobile reader **PR510** is a robust, long range UHF RFID reader for outdoor and indoor use. It employs Advanced ID's state of the art technology that combines high performance and reliability with ease of use.

The **PR510** supports the tag protocol EPC C1 Gen 2. In addition, future protocols can be easily implemented. The integrated frequency hopping reduces the susceptibility and the mutual influence of the devices.

The **PR510** is suitable for all portable applications in logistic management, item tracing or inventory.

The RFID reader/writer **PR510** allows users to take full advantage of the distributed mobile data carrier capability inherent to RFID tags. Data such as origin, destination, "use by" date, warranty and service or repair history can be easily updated on the tag and therefore always traveling with the tagged item.

Our development department can customize the RFID reader/writer for special applications. Contact us now!

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TECHNICAL SPECIFICATIONS

Read/write unit

Tag protocol:	EPC C1 Gen 2 (ISO 18000-6C)
Read range:	up to 7.5 m (tag dependent)
Write range:	70% of read range
Frequency range:	862-955 MHz (programmable for world-wide local regulation compliance, FCC Part 15 and ETSI 302208)
Polarization:	circular
RF power:	27 dBm up to 17 dB attenuation adjustable by software

Interface

Keyboard:	20 keys + START button
Display:	Graphic LCD
PC interface:	USB (Bluetooth optional PR510BT, WLAN on request)

Others

Power supply:	rechargeable batteries, charger 12 VDC >500 mA
Operating temperature:	-20 ° to +50 ° C
Storage temperature:	-35 ° to +70 ° C
Humidity:	0-95% noncondensing
Protection class:	IP 54
Reader Dimensions:	150 (B) x 310 (H) x 95 (T) mm
Weight:	0.83 kilograms
Accessories:	USB cable Battery charger 12 VDC 1.25 A CD ROM with control software, manual and drivers

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