LR-2000KIT™
UHF Installation Kit

AWID's LR-2000KIT Installation Kit is the tool that helps sell a new LR-2000 or LR-2000HiLoMA long-range reader, gives you answers about performance of the products during installation, and identifies the source of problem during a service call.

The LR-2000KIT is self-contained in a black, hinged, compact carrying case. It is a *required* first-time, one-time purchase for every installing company for AWID's long range readers. It is useful also for the UA-612 UHF card reader, and even for AWID's 125 kilohertz proximity readers.
It provides the visible and audible feedback that the LR-2000 and LR-2000HiLoMA readers do not provide directly themselves.

Here are 11 things that the LR-2000KIT does for you.

Demonstrate the LR-2000 Reader and Tags

•The Kit contains everything that you need. It sets up quickly and easily, for an effective presentation.

Test the proposed reader location

•Before connecting the LR-2000 reader, you can detect radiation from other RF sources in the neighborhood that might affect the reader's performance.

•You know that the reader is detecting the tags, either hand-held or inside a vehicle, with a beep and an LED indication on the test unit for every tag read.

Bench-test the products at your shop

•The Installation Kit gives you confidence that the products are working to specification even before you leave the shop.

Test the reader during installation

•Before you interface the LR-2000-B-U reader to the access control or gate control system, you can detect the RF transmission from the reader and know that it is functioning correctly.

•Connect the LR-2000 to a PC for alternative data output check, and to change RF power level and read repetition rate.

Test the completed installation

•The Kit's test unit, clipped to the reader's wires, proves correct reader mounting, power, cabling, wiring, tag selection & mounting & location, and reader aiming.

•The Kit tells you everything except the correct wiring at the controller panel, and the programming of the host system.

Test tags in vehicles without interrupting gate traffic

•The supervisor tests tags on residents' vehicles away from the working gate location, applies the tags to the vehicles, and enrolls their codes into the system.

Trouble-shoot an installed system

•If the LR-2000-B-U reader ever fails to send the tag's code data to the host system, you know in a moment if the reader is transmitting RF, and if the reader is detecting the tag and transmitting its code to the system.

For all future sales demos and installation testing

•Keep the Installation Kit handy, available for your sales people, installers, and repair crews.

FEATURES

• Self-contained kit . . .
  All items assembled in a fitted case

• Easy to use . . .
  Simple instructions are included

• Quick set-up . . .
  Units connected by spring-clips

• Variety of uses . . .
  Kit contains all necessary items

• A selling tool . . .
  "EVAL" reader demos real reading

• Build confidence at your office . . .
  Shows actual operation on the bench

• Answers questions at installation . . .
  Kit shows that reader and tags work

• Trouble-shoots in a service call . . .
  Shows if reader and tags are working

• Points out where repair is needed . . .
  Isolates and substitutes for bad part

• A valuable investment for you . . .
  Useful before, during and after sale

COMPONENTS OF THE LR-2000KIT INSTALLATION KIT

- **LR-2000-EVAL Long-Range Reader**
  Same as the standard LR-2000-B-U reader except with no system interface capability. 32 inch cable with 4 spring clips for quick-connect. 3 cable-tie straps for temporary reader mounting.

- **RF-SD Signal Detector**
  Indicates presence of radiation from the LR-2000 reader (as much as 75 feet), and from a remote communications antenna (up to a mile or so), and even from a *proximity* card reader (very close). "Chirps" continually when held in the field. Small like a cigarette lighter. Powered by included battery.

- **SP-6820-LR Test Unit**
  The audible and visible indicator. Provides the beeper and the LED that the LR-2000 reader does *not* have. 12 inch cable with 3 spring clips for quick-connect.

- **"Quick Installation Guide"**
  Laminated instructions sheet with wiring diagram for testing, and suggested performance testing steps.

- **RS-232-ADC Adapter Cable**
  Short cable with a 9-pin "D" female connector, and 3 spring clips. To interface the LR-2000 reader's RS-232 output to a PC's serial input port, or to download software commands from the PC to the reader. (For a PC with only USB ports, use also a 9-pin-male-to-USB adapter.)

- **PS12-3.3A DC Power Module**
  Plug-in DC power supply with 6 foot cable for 120 volts AC in, and 6 foot cable for 12 volts DC out. Small switching-type module. 2 spring clips on DC cable for quick-connect. Rated for 3.3 amperes DC maximum load. A switching, regulated supply.

- **Set of 7 Tags and Cards**
  5 vehicle-mounting tags and 2 hand-held cards that the LR-2000 reader can read at guaranteed distance.

. . . all in a Carrying Case . . . a black plastic case with fitted form inserts for all componenets of the kit.

Case size: 19 inches by 14-1/2 inches by 5 inches. Hinged carrying handle. Only 8 pounds.