



The RFID with Best ROI™

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 components of the kit.

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