



## ***Maximum RFID***

# **UHF CREDENTIALS for HOLDING BY HAND with LR-3000-3200 & uAxxcess READERS**

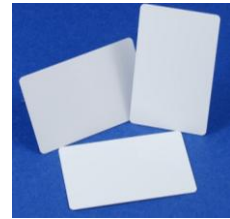
### **CS-UHF-0-0 Clamshell Card**

- Rugged card with slot — long life in rough usage
- Held by clamping edges between thumb and fingertips
- Hands-free identification — completely portable
- Convenient — carry loose or on a strap or in a pocket



### **GR-UHF-0-0 Graphics-Quality Card**

- High-quality card for direct photo ID badge printing
- Slim card with smooth finish for user data, bar code, company logo
- May be slot-punched to hang either portrait or landscape
- Best for carrying in wallet or pouch, or for multiple technologies



### **KT-UHF-0-0 Keytag**

- Right-sized tag for easy carrying and holding — waterproof for pools
- Hangs on keyring, keychain, strap or hook
- Good range with small size — reads hanging below keys
- Tag always accessible with keys — always ready to read



### **HT-UHF-0-0 Hangtag**

- Hook in end of tag makes it easy to hold or hang
- Just squeeze the hook between thumb and fingertip
- Extended size makes Hangtag easy to use, hard to lose
- Dual purpose tag — hangs inside vehicles, and goes with you



**NOTE:** For UHF **vehicle-mounted** tags, see product sheet "UHF Vehicle-Mounted Credentials". For credentials **held by hand**, see below.  
**Reading Distances – Up to These Distances in Practical Applications**

Card or Tag - Held in Fingers	LR-3000, LR-3200	uAcess-Series Readers	XM-700
<b>CS-UHF-0-0</b> Clamshell Card	20 feet (6.1 meters)	6 inches (15 cm)	5-7 feet
<b>GR-UHF-0-0</b> Graphics Card	15 feet (4.6 meters)	6 inches (15 cm)	5-7 feet
<b>KT-UHF-0-0</b> Keytag	12 feet (3.6 meters)	6 inches (15 cm)	5-7 feet
<b>HT-UHF-0-0</b> Hangtag	10 feet (3.0 meters)	6 inches (15 cm)	5-7 feet

#### Reader Selection

For use with all AWID UHF reader models, both long-range and near-field.

#### Technology in Tags and Cards

- UHF communications: Bi-directional between UHF readers and credentials.
- Excitation frequency: 865-868 MHz for the LR-3200 reader; 902-928 MHz for other AWID UHF readers.
- Read repetition rate: Set in the readers. For "LR" readers, rep rate is 3 reads per second (field-programmable to slower rates).

#### Encoding for Tags and Cards

- Code format type – Wiegand.
- Open code formats – 26-bit-STD and 37-bit-AWID.
- For a custom format, call AWID.

#### Information Required in Purchase Order *(Include leading zeros in facility code and ID numbers.)*

- Quantity.
- AWID's part no.
- Code format (example: 26-bit-STD).
- Facility or site code.
- Start ID number sequence.

#### Environmental Conditions

- Operating temperature: -31° F to +150° F (-35° C to +65° C).
- Operating humidity: 0% to 95% non-condensing.
- Exposure to weather: All tags accept exposure to bright sunlight. They may be used in rain, snow, and car washes.

#### Size of Tags and Cards (Approximate)

Card or Tag	Width	Height	Thickness	Notes
<b>CS-UHF-0-0</b> Card	3-3/8 inches	2-1/8 inches	0.065 inch	Rugged card. Slot for clip-strap.
<b>GR-UHF-0-0</b> Card	3-3/8 inches	2-1/8 inches	0.033 inch	For photo ID badge printing.
<b>KT-UHF-0-0</b> Tag	1-3/4 inches	1-1/16 inches	3/16 inch	Slot in metal tab for key ring or chain.
<b>HT-UHF-0-0</b> Tag	2-1/4 inches	6-1/2 inches	1/32 inch	Present to reader with fingers at hook.

#### Slots and Holes

- GR-UHF cards may be punched with a slot for either portrait or landscape. *See instructions sheet in carton for locations of slot.*
- CS-UHF, KT-UHF and HT-UHF must have **no slots or holes**, punched or drilled, anywhere on the credential.

#### Applications

- For identification and access of vehicles at gates and doors for parking facilities, gated communities, etc.
- For identification of drivers and passengers in vehicles when the hand-held card or tag is presented to the reader at the gate.
- For physical access of people at doors in buildings, or at turnstiles, using the *same* credential as for gate access of vehicles.

#### Custom Graphics

- For GR-UHF and HT-UHF only.
- For quotation, send original artwork to AWID.

#### Literature for UHF Credentials

- Before using any card or tag, read AWID's "Instructions for Use" sheet for that credential type.
- Visit AWID's Web site [www.AWID.com](http://www.AWID.com) to download all literature.

#### Options and Accessories

- LR-TEK LR Reader Tech Kit: *Required* -- a one-time purchase for every installing dealer.



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