UHF CREDENTIALS for HOLDING BY HAND
with LR-2000-3000 & X-SERIES 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 strap or in 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 for portrait or landscape
- Best for carrying in wallet or pouch, or for multiple technologies
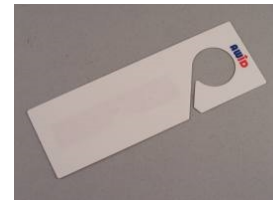
KT-UHF-0-0   Keytag
- Right-sized tag for easy carrying and holding — waterproof for pools
- Hangs on keyring, keychain, strap or hook
- Good range with small size — reads hanging below keys
- Tag always accessible with keys — always ready to read

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

Maximum RFID

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-2000, LR-2200, LR-	X-Series Readers	UA-612 Reader
CS-UHF-0-0 Clamshell Card	20 feet (6.1 meters)	6 inches (15 cm)	12 inches (30 cm)
GR-UHF-0-0 Graphics Card	15 feet (4.5 meters)	6 inches (15 cm)	12 inches (30 cm)
KT-UHF-0-0 Keytag	12 feet (3.6 meters)	6 inches (15 cm)	12 inches (30 cm)
HT-UHF-0-0 Hangtag	10 feet (3.0 meters)	6 inches (15 cm)	12 inches (30 cm)

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-2200 reader; 902-928 MHz for other 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
CS-UHF-0-0 Card	3-3/8 inches	2-1/8 inches	0.065 inch	Rugged card. Slot for clip-strap.
GR-UHF-0-0 Card	3-3/8 inches	2-1/8 inches	0.033 inch	For photo ID badge printing.
KT-UHF-0-0 Tag	1-3/4 inches	1-1/16 inches	3/16 inch	Slot in metal tab for key ring or chain.
HT-UHF-0-0 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 CS-UHF and HT-UHF only.   • For quotation, send original artwork to AWID.   • A local printer may be able to print graphics.

Literature for UHF Credentials
- Before installing any tag, read AWID's "Installation Instructions" sheet for that tag type.
- Visit AWID's Web site 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.